Dokumentacija sajta

Praktikum iz Web Programiranje PHP-1

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Smer: IT

Uvod

Korisceni programski jezici U izradi sajta korisceeni su HTML, CSS, JavaScript, Jquery, PHP, Ajax, kao i HTML5, CSS3. Sajt je radjen Visual Studio Codu, dok su slike obradjivane u Paintu.

Opis funkcionalnosti

Po ulasku na sajt prikazuju se 9 posta iz baze. Dinamicki meni.Unosom neke reci u search filtriraju se postovi. Klikom na neku stavku padajuceg menija postovi se sortiraju.Link register sluzi za pravljenje novih naloga a dugme Login se sluzi za logovanje korisnika. Prilkom prijave korisnika prikazuje se novi link Logout a u slucaju da je korisnik admin dodatan link za admin panel.Samo registrovani korisnici mogu da postuju na sajtu I vide add post page nakon logovanje.Admin moze da brise I edituje sve postove dok korisnici samo mogu svoje.
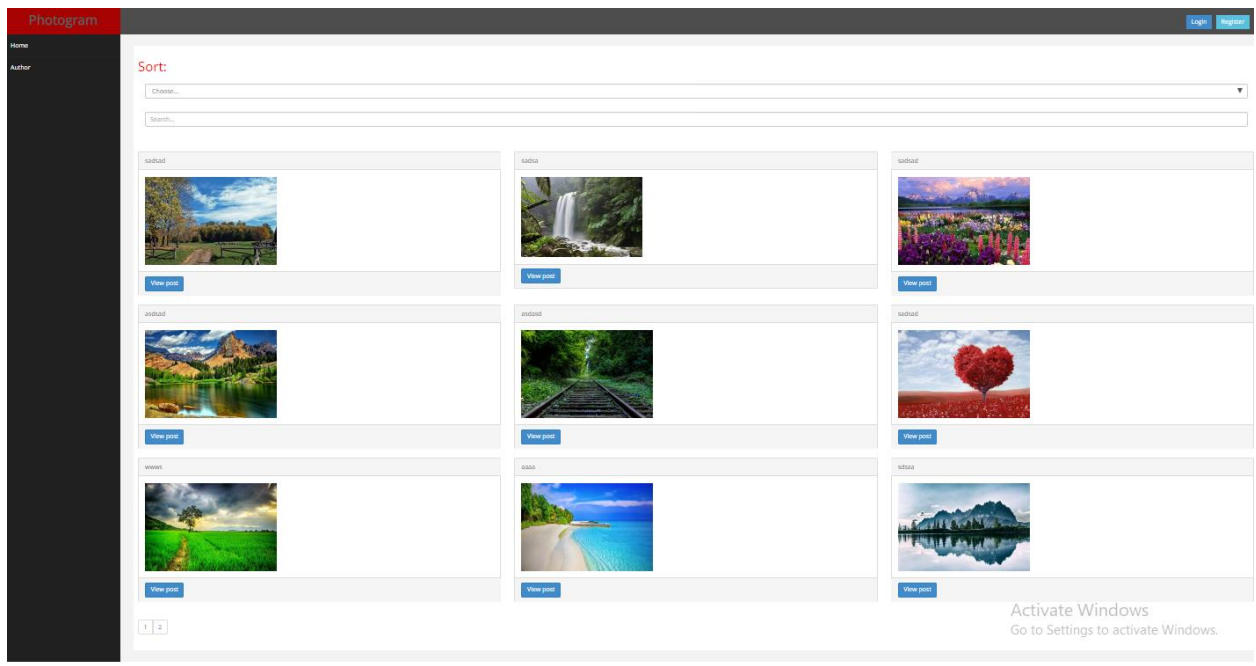
Home Page

Koristeci php direktno iz baze ucitavaju se postovi.Serversko sortiranje,filtriranje I paginacija sa prikazom pomocu ajaxa.DInamicki meni.

Login page

Zastita stranica od neovlascenog ulaza.Klijentska I serverska validacija.Slanje password na email adresu klikom na recover dugme.
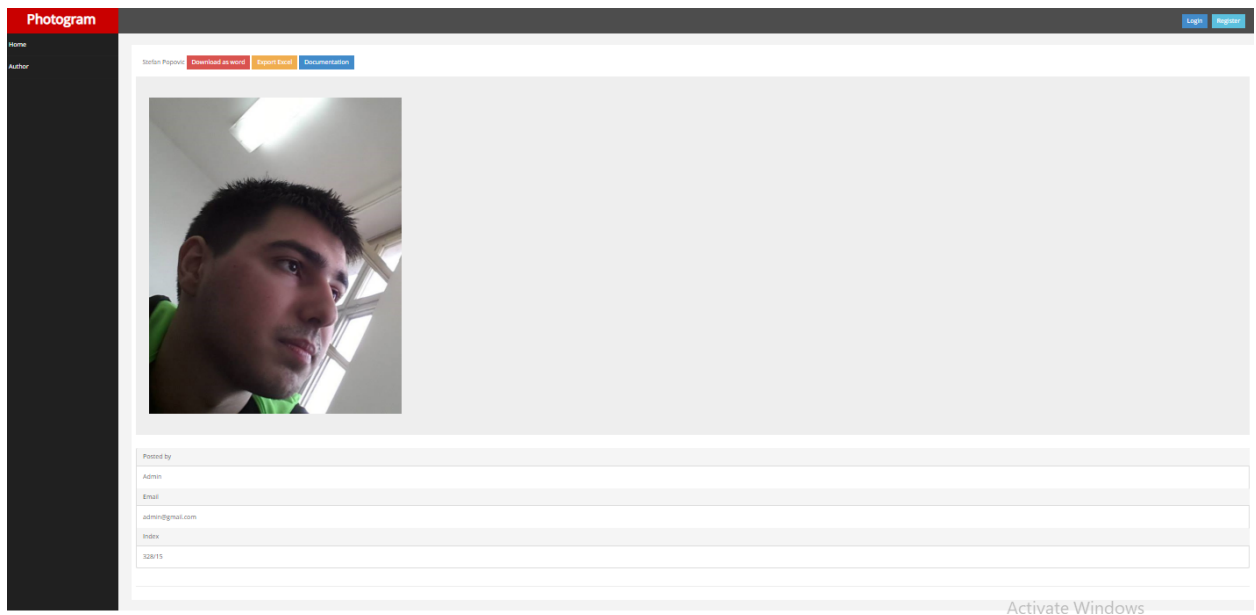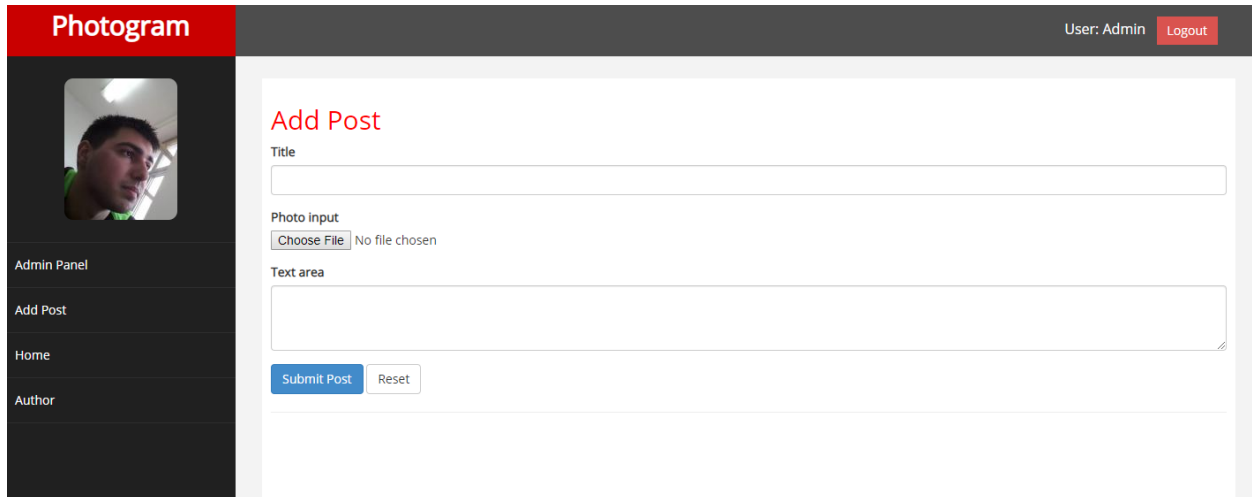
Autor strana

Export informacija o autoru u formi word dokumenta.Export spiska korisnika u formi Excel dokumenta.Link za dokumentaciju.

Register strana

Klijentska I serverska validacija.Unos originalne,male I srednje slike prilikom kreiranja naloga.U slucaju da korisnik ne odabere sliku dobija default sliku.Prilikom registracije svaki novi korisnik automatski dobija ulogu usera koji samo administrator moze da mu promeni.
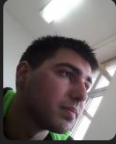
Add post strana

Dodavanje postova.Samo registrovani korisnici mogu postati.

Admin panel

Prikaz svih korisnika I menjanje ili brisanje istih kao I dodavanje novih I menjanje uloga postojecih.Prikaz logova.

Dizajn Baze Podataka

sphps posts
- id : int(255)
- title : varchar(255)
- descriptions : text
- post_time : text
- # photo_id : int(255)
- # user_ids : int(255)

sphps photos
- id : int(255)
- original : varchar(255)
- small : varchar(255)
- medium : varchar(255)

sphps users
- id : int(255)
- uname : varchar(255)
- username : varchar(255)
- email : varchar(255)
- pass : varchar(255)
- # pic_id : int(255)
- # role_id : int(255)

sphps roles
- id : int(100)
- role : varchar(50)

sphps userphoto
- id : int(255)
- original : varchar(255)
- small : varchar(255)

sphps menu
- id : int(255)
- path : varchar(255)
- mname : varchar(255)
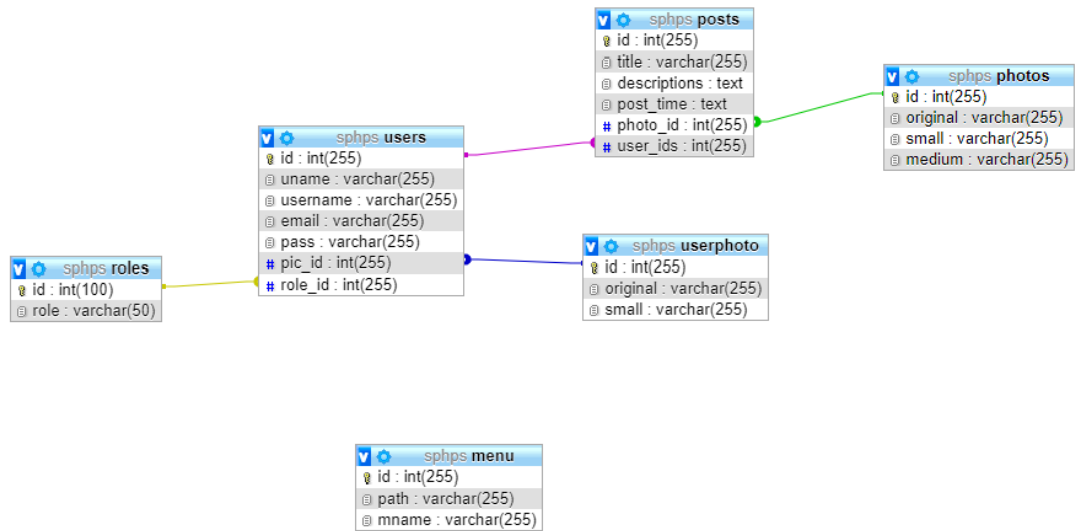
Slika Strukture Projekta
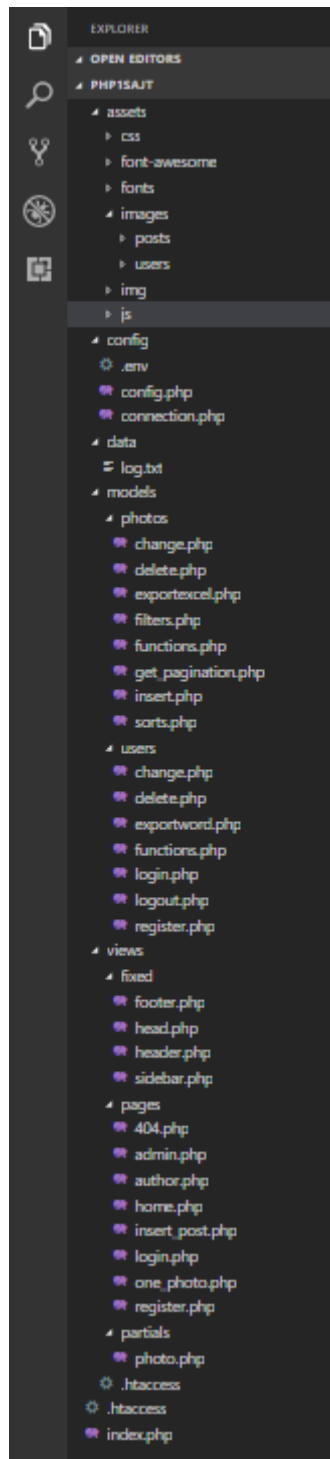
Index.php

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

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

  if(isset($_GET['page'])){
    switch($_GET['page'])
    {
      case 'home':
        include "views/pages/home.php";
        break;
      case 'admin':
        if(isset($_SESSION['user'])){
          if($_SESSION['user']->role_id=="1"){
            include "views/pages/admin.php";
          }else{
            include "views/pages/home.php";
          }
        }else{
          include "views/pages/home.php";
        }
        break;
      case 'insert':
        if(isset($_SESSION['user'])){
        include "views/pages/insert_post.php";
        }else {
        include "views/pages/home.php";
        }
        break;
      case 'register':
        include "views/pages/register.php";
        break;
```

```php
    case 'login':
      include "views/pages/login.php";
      break;
    case 'author':
      include "views/pages/author.php";
      break;
    case 'post':
      if(isset($_GET['id'])){
        include "views/pages/one_photo.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";
?>
```

Photo.php

```php
<div class="col-md-4 col-sm-4">
                    <div class="panel panel-default">
                        <div class="panel-heading">
                        <?= $photo->title ?>
                        </div>
                        <div class="panel-body">
                        <img src="<?= $photo->small ?>">
                        </div>
                        <div class="panel-footer">
                        <a href="index.php?page=post&id=<?= $photo-
>post_id ?>" class="btn btn-primary" >View post</a>
                        <?php
                        if(isset($_SESSION['user'])){
```

```php
                                ?>
                                <?php
                                    if($_SESSION['user']->useid==$photo-
>user_ids){
                                ?>
                                <a href="index.php?page=insert&id=<?= $photo-
>post_id ?>" class="btn btn-warning">Edit</a>
                                <a href="models/photos/delete.php?id=<?= $photo-
>post_id ?>" class="btn btn-danger">Delete</a>
                                <?php
                                }
                                ?>
                                <?php
                                }
                                ?>
                                </div>
                        </div>
</div>
```

Pages/register.php

```php
<div id="page-wrapper"  >
            <div id="page-inner">
                <div class="row">
                    <div class="col-md-12">
                    <?php
                        $id = "";
                        $user ="";

                        $isUpdate = false;

                        if(isset($_GET['id'])){
                            $id = $_GET['id'];
                            $isUpdate = true;

                            require_once "models/users/functions.php";

                            $user = getOneUser($id);
```

```php
                            }
                    ?>
                    <h2><?= ($isUpdate)? 'Update' : 'Register' ?></h2>
                    <form role="form" id="form" action="<?= ($isUpdate)?
"models/users/change.php" : "models/users/register.php"?>" method="POST"
enctype="multipart/form-data">
                                    <input type="hidden" name="id"
value="<?= ($isUpdate)? $id : '' ?>"/>
                                    <div class="form-group">
                                        <label>Name and
Surname</label>
                                        <input type="text"
class="form-control" name="namesurname" id="namesurname" value="<?=
($isUpdate)? $user->uname : '' ?>"/>
                                    </div>
                                    <div class="form-group">
                                        <label>Username</label>
                                        <input type="text"
class="form-control" name="username" id="username" value="<?= ($isUpdate)?
$user->username : '' ?>"/>
                                    </div>
                                    <div class="form-group">
                                        <label>Email</label>
                                        <input type="text"
class="form-control" name="email" id="email" value="<?= ($isUpdate)?
$user->email : '' ?>"/>
                                    </div>
                                    <div class="form-group">
                                        <label>Password</label>
                                        <input type="password"
class="form-control" name="password" id="password" value="<?= ($isUpdate)?
$user->pass : '' ?>"/>
                                    </div>
                                    <div class="form-group">
                                    <?php
                                        if(isset($_SESSION['user'])):
                                            if($_SESSION['user']-
>role_id=="1"):
                                            ?>
```

```php
<label>Role</label>
                                                    <select
class="form-control" name="roleid">
                                                        <option
value="2">Choose...</option>
                                                        <?php

$roles=executeQuery("SELECT * FROM roles");

foreach($roles as $role):

                                                        ?>
                                                        <option
value="<?= $role->id ?>">
                                                            <?= $role-
>role ?>
                                                        </option>

                                                        <?php
endforeach; ?>
                                                    </select>
                                            <?php endif; ?>

                                    <?php endif; ?>
                                </div>
                                <div class="form-group">
                                    <label>Profile Photo</label>
                                    <input type="file"
name="photo" value="<?= ($isUpdate)? $user->original : '' ?>"/>
                                    <p>If you don't choose a photo
you will be assigned a default one.</p>
                                    <?php
if(isset($_SESSION['error'])):
                                        echo '<p>';

$errors=$_SESSION['error'];
{
                                        foreach($errors as $error)
                                            echo $error.'<br>';
                                        }
```

```php
                                                    echo '</p>';
                                                    unset($_SESSION['error']);
                                                endif;?>
                                        </div>
                                        <button type="submit" class="btn
btn-primary" name="register" ><?= ($isUpdate)? 'Update' : 'Register'
?></button>
                                        <button type="reset" class="btn
btn-default">Reset</button>
                    </form>
                    </div>
                </div>
                <!-- /. ROW  -->
                <hr />
    </div>
            <!-- /. PAGE INNER  -->
        </div>
        <!-- /. PAGE WRAPPER  -->
        </div>
```

One_photo.php

```php
<div id="page-wrapper" >
        <div id="page-inner">
            <?php
                require_once "models/photos/functions.php";
                $photo = get_one_post_with_photo_and_user($_GET['id']);
                if($photo):
            ?>
            <div class="row">
            <div class="col-md-12">
            <div class="panel-body">
                <ul class="nav nav-pills">
                <?= $photo->title ?>
                </ul>
            </div>
            <div class="jumbotron">
                <img src="<?= $photo->medium ?>">
```

```
                </div>
                <div class="panel panel-default">
                    <div class="panel-heading">
                        Posted by
                    </div>
                    <div class="panel-body">
                    <?= $photo->user->username ?>
                    </div>
                    <div class="panel-heading">
                        Post date
                    </div>
                    <div class="panel-body">
                    <?= date( $photo->post_time ) ?>
                    </div>
                    <div class="panel-heading">
                        Description
                    </div>
                    <div class="panel-body">
                    <?= $photo->descriptions ?>
                    </div>
                </div>
                </div>
                </div>
                 <!-- /. ROW  -->
                 <hr />
                 <?php endif; ?>
    </div>
            <!-- /. PAGE INNER  -->
          </div>
```

Pages/login.php

```
<div id="page-wrapper" >
          <div id="page-inner">
            <div class="row">
                <div class="col-md-12">
                <h2>Login</h2>
```

```html
<form role="form" action="models/users/login.php"
method="POST" enctype="multipart/form-data">
    <div class="form-group">
        <label>Email</label>
        <input type="text"
class="form-control" name="email" id="email" />
    </div>
    <div class="form-group">
        <label>Password</label>
        <input type="password"
class="form-control" name="password" id="password" />
        <p>If you forgot your password
just enter your email above and hit the Recover button</p>
        <?php
if(isset($_SESSION['error'])):

            echo '<p>';

$errors=$_SESSION['error'];

            foreach($errors as $error)
{

                echo $error.'<br>';
            }
            echo '</p>';
            unset($_SESSION['error']);
        endif;?>
    </div>
    <button type="submit" class="btn
btn-primary" name="login" >Login</button>
    <button type="submit" class="btn
btn-default" name="recover" >Recover Password</button>
</form>
            </div>
        </div>
        <!-- /. ROW  -->
        <hr />
    </div>
        <!-- /. PAGE INNER  -->
    </div>
    <!-- /. PAGE WRAPPER  -->
</div>
```

```php
<div id="page-wrapper" >
        <div id="page-inner">
            <div class="row">
                <div class="col-md-12">
                <?php
                    $id = "";
                    $post ="";

                    $isUpdate = false;

                    if(isset($_GET['id'])){
                        $id = $_GET['id'];
                        $isUpdate = true;

                        require_once "models/photos/functions.php";

                        $post = get_one_post_with_photo_and_user($id);
                    }

                ?>
                <h2><?= ($isUpdate)? 'Update Post' : 'Add Post'
?></h2>
                <form role="form" id="form" action="<?= ($isUpdate)?
"models/photos/change.php" : "models/photos/insert.php"?>" method="POST"
enctype="multipart/form-data">
                <input type="hidden" name="id" value="<?= ($isUpdate)?
$id : '' ?>"/>
                                <div class="form-group">
                                    <label>Title</label>
                                    <input type="text"
class="form-control" name="title" id="title" value="<?= ($isUpdate)?
$post->title : '' ?>"/>
                                </div>
                                <div class="form-group">
                                    <label>Photo input</label>
                                    <input type="file"
name="photo" value="<?= ($isUpdate)? $post->original : '' ?>"/>
```

```php
                                                  </div>
                                                  <div class="form-group">
                                                          <label>Text area</label>
                                                          <textarea class="form-control"
rows="3" name="desc"><?= ($isUpdate)? $post->descriptions : ''
?></textarea>
                                                                  <?php
if(isset($_SESSION['error'])):

$errors=$_SESSION['error'];

{
                                                                  foreach($errors as $error)

                                                                      echo $error.'<br>';
                                                                  }
                                                                  echo '</p>';
                                                                  unset($_SESSION['error']);
                                                          endif;?>
                                                  </div>
                                                  <button type="submit" class="btn
btn-primary" name="add"><?= ($isUpdate)? 'Update Post' : 'Submit Post'
?></button>
                                                  <button type="reset" class="btn
btn-default">Reset</button>
                                  </form>
                                  </div>
                          </div>
                           <!-- /. ROW  -->
                           <hr />
       </div>
              <!-- /. PAGE INNER  -->
          </div>
       <!-- /. PAGE WRAPPER  -->
       </div>
```

Home.php

```html
<div id="page-wrapper"  >
```

```php
<div id="page-inner">
    <div class="row">
        <div class="col-md-12">
        <h2>Sort:</h2>
                            <div class="panel-body">
                                <select class="form-control" id="sort">

                                    <option value="0">Choose...</option>

                                    <?php

                                    $options = [
                                        [
                                        "value" => 1,
                                        "text"=> "Name - Ascending"
                                        ],
                                        [
                                        "value" => 2,
                                        "text" => "Name - Descending"
                                        ],
                                        [
                                        "value" => 3,
                                        "text" => "Post Date - Ascending"
                                        ],
                                        [
                                        "value" => 4,
                                        "text" => "Post Date - Descending"
                                        ]
                                    ];

                                    foreach($options as $option):
                                    ?>

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

```
                                        </option>

                                        <?php endforeach; ?>

                                    </select>
                                </div>
                                <div class="panel-body">
                                <form method="POST">
                                <input type="text" class="form-
control" name="search" id="search" placeholder="Search..."/>
                                </form>
                                </div>
            </div>
        </div>
        <!-- /. ROW  -->
        <hr />

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

    <?php

        $limit =  isset($_GET['limit'])? $_GET['limit'] : 0;
        $photos = get_posts_with_photo($limit);

        foreach($photos as $photo):
        include "views/partials/photo.php";
        endforeach;
    ?>


    </div>

    <div class="row">
        <div class="col-sm-6">
            <div id="dataTables-example_paginate">
                <ul class="pagination" id="pagination">
                    <?php
                        $num_of_photos = get_pagination_count();
                        if(isset($_POST['search'])){
                        $nid=$_POST['search'];
```

```php
                }
                for($i = 0; $i < $num_of_photos; $i++):
            ?>
                <li class="paginate_button" aria-
controls="dataTables-example" tabindex="0">
                    <a href="#" class="photo-pagination" data-
limit="<?= $i ?>" data-id="<?= $nid ?>"><?= $i+1 ?></a>
                </li>
                <?php endfor; ?>
            </ul>
        </div>
    </div>
</div>

</div>
    <!-- /. PAGE INNER  -->
</div>
    <!-- /. PAGE WRAPPER  -->
</div>
```

Author.php

```php
<div id="page-wrapper" >
        <div id="page-inner">
            <?php
                require_once "models/users/functions.php";
                $photo = getOneUser(1);
                if($photo):
            ?>
            <div class="row">
            <div class="col-md-12">
            <div class="panel-body">
                <ul class="nav nav-pills">
                <?= $photo->uname ?>
                <a href="models/users/exportword.php" class="btn btn-
danger square-btn-adjust">Download as word</a>
                <a href="models/photos/exportexcel.php" class="btn
btn-warning square-btn-adjust">Export Excel</a>
```

```php
                    <a href="documentation.pdf" class="btn btn-primary
square-btn-adjust">Documentation</a>
                    </ul>
                </div>
                <div class="jumbotron">
                    <img src="<?= $photo->original ?>">
                </div>
                <div class="panel panel-default">
                    <div class="panel-heading">
                        Posted by
                    </div>
                    <div class="panel-body">
                    <?= $photo->username ?>
                    </div>
                    <div class="panel-heading">
                        Email
                    </div>
                    <div class="panel-body">
                    <?= $photo->email ?>
                    </div>
                    <div class="panel-heading">
                        Index
                    </div>
                    <div class="panel-body">
                    328/15
                    </div>
                </div>
                </div>
                </div>
                <!-- /. ROW  -->
                <hr />
                <?php endif; ?>
    </div>
            <!-- /. PAGE INNER  -->
        </div>
```

Admin.php

```php
<div id="page-wrapper" >
        <div id="page-inner">
            <div class="row">
                <div class="col-md-12">
                    <h2 class="card-title">Users</h2>
                    <a href="index.php?page=register" class="btn btn-
primary">Add User</a>

                    <table class="table table-hover">

                        <thead class="text-warning">
                            <th>ID</th>
                            <th>Name and Surname</th>
                            <th>Username</th>
                            <th>Email</th>
                            <th>Role</th>
                            <th>Edit</th>
                            <th>Delete</th>
                        </thead>

                        <tbody id="usus">


                          <?php
                            require_once "models/users/functions.php";
                            $datas = getUsers();

                            foreach($datas as $data):
                          ?>

                          <tr>
                            <td><?= $data->id ?></td>
                            <td><?= $data->uname ?></td>
                            <td><?= $data->username ?></td>
                            <td><?= $data->email ?></td>
                            <td><?= $data->role_id ?></td>
                            <td>
                              <a href="index.php?page=register&id=<?=
$data->id ?>">Edit</a>
                            </td>
                            <td>
```

```php
                                    <a href="#" data-id="<?=$data->id?>"
class="del" >Delete</a>
                                </td>
                            </tr>
                            <?php endforeach; ?>

                    </tbody>
                </table>
                <table class="table table-hover">
                <h2 class="card-title">Logs</h2>
                    <thead class="text-warning">
                        <th>ID</th>
                        <th>Access page</th>
                        <th>Time</th>
                        <th>Address</th>
                    </thead>

                    <tbody id="logtable">
                      <?php
                        $open = fopen("data/log.txt", "r");
                        $logdata = file("data/log.txt");
                        fclose($open);

                        foreach($logdata as $key=> $value):
                          $log = explode(SEPARATOR, $value);
                      ?>
                      <tr>
                        <td><?= $key+1 ?></td>
                        <td><?= $log[0] ?></td>
                        <td><?= $log[1] ?></td>
                        <td><?= $log[2] ?></td>
                      </tr>
                        <?php endforeach; ?>
                    </tbody>
                </table>

            </div>
                </div>
            </div>
             <!-- /. ROW  -->
```

```
                    <hr />

     </div>
              <!-- /. PAGE INNER  -->
            </div>
```

404.php

```
<div id="page-wrapper" >
         <div id="page-inner">
              <div class="row">
                   <div class="col-md-12">
                    <h2>Error 404</h2>
                       <h5>Page Not Found. </h5>

                   </div>
              </div>
               <!-- /. ROW   -->
               <hr />

     </div>
              <!-- /. PAGE INNER  -->
            </div>
```

Sidebar.php

```
<nav class="navbar-default navbar-side" role="navigation">
         <div class="sidebar-collapse">
              <ul class="nav" id="main-menu">
              <?php
              if(isset($_SESSION['user']))
              {
              ?>
              <li class="text-center">
                   <img src="<?=$_SESSION['user']->small?>" class="user-
image img-responsive"/>
                   </li>
              <?php
```

```php
                    }
            ?>
        <?php
            include "models/photos/functions.php";

            $menu=menu();

            if(isset($_SESSION['user'])){

                ?>
                <?php
                if($_SESSION['user']->role_id=="1"){
                    ?>
                    <li>
                        <a  href="index.php?page=admin"/>Admin
Panel</a>
                    </li>
                    <?php
                        }
                    ?>
                    <li>
                        <a  href="index.php?page=insert"/>Add
Post</a>
                    </li>

                    <?php
                }
                ?>
                <?php foreach($menu as $menus):
                ?>
                    <li>
                        <a  href="index.php?page=<?=$menus-
>path?>"/><?=$menus->mname?></a>
                    </li>
                <?php
                endforeach;
                ?>
            </ul>
```

```
            </div>

        </nav>
```

Header.php

```php
<body>
    <div id="wrapper">
        <nav class="navbar navbar-default navbar-cls-top "
role="navigation" style="margin-bottom: 0">
            <div class="navbar-header">
                <button type="button" class="navbar-toggle" data-
toggle="collapse" data-target=".sidebar-collapse">
                    <span class="sr-only">Toggle navigation</span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                    <span class="icon-bar"></span>
                </button>
                <a class="navbar-brand" href="#">Photogram</a>
            </div>
    <div style="color: white;
padding: 15px 50px 5px 50px;
float: right;
font-size: 16px;">
<?php
    if(isset($_SESSION['user']))
        {
            echo "User: ".$_SESSION['user']->username;
?>
  
<a href="models/users/logout.php" class="btn btn-danger square-btn-
adjust">Logout</a>
<?php
    if($_SESSION['user']->role_id!=1){
        ?>
        <a href="index.php?page=register&id=<?= $_SESSION['user']->useid
?>" class="btn btn-warning square-btn-adjust">Edit Profile</a>
        <?php
```

```php
        }
            }
?>
<?php
    if(!isset($_SESSION['user']))
    {
?>
  
<a href="index.php?page=login" class="btn btn-primary square-btn-
adjust">Login</a> 
<a href="index.php?page=register" class="btn btn-info square-btn-
adjust">Register</a>
<?php
    }
?>
</div>
        </nav>
```

Head.php

```php
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
     <meta charset="utf-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0"
/>
    <title>PhotoGram</title>
    <link rel="icon" type="image/jpg" href="assets/img/photogram.jpg" />
    <meta name="author" content="Stefan Popovic" />
    <meta name="keywords" content="images,lifestyle,photos,nature" />
    <meta name="description" content="Site for sharing photos and
experiences with others" />
    <!-- BOOTSTRAP STYLES-->
    <link href="assets/css/bootstrap.css" rel="stylesheet" />
     <!-- FONTAWESOME STYLES-->
    <link href="assets/css/font-awesome.css" rel="stylesheet" />
        <!-- CUSTOM STYLES-->
    <link href="assets/css/custom.css" rel="stylesheet" />
```

```html
    <!-- GOOGLE FONTS-->
    <link href='http://fonts.googleapis.com/css?family=Open+Sans'
rel='stylesheet' type='text/css' />

</head>
```

Footer.php

```html
    <script src="assets/js/jquery-1.10.2.js"></script>
      <!-- BOOTSTRAP SCRIPTS -->
    <script src="assets/js/bootstrap.min.js"></script>
    <!-- METISMENU SCRIPTS -->
    <script src="assets/js/jquery.metisMenu.js"></script>
      <!-- CUSTOM SCRIPTS -->

    <script src="assets/js/main.js"></script>
    <script src="assets/js/valid.js"></script>
    <script src="assets/js/custom.js"></script>
</body>
</html>
```

Users/register.php

```php
<?php
session_start();
    if(isset($_POST['register'])){

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

        $name = $_POST['namesurname'];
        $username = $_POST['username'];
        $email = $_POST['email'];
        $password = $_POST['password'];
```

```php
$file_name = $_FILES['photo']['name'];
$file_tmp = $_FILES['photo']['tmp_name'];
$file_type = $_FILES['photo']['type'];
$file_size = $_FILES['photo']['size'];


if(isset($_SESSION['user'])){
    if($_SESSION['user']->role_id=="1"){
        $type=$_POST['roleid'];
    }
}else{
    $type = 2;
}

$regName = "/^[A-Z]{1}[a-z]{2,9}(\s[A-Z]{1}[a-z]{2,9})+$/";
$regEmail = "/^[a-z0-9]+(\.[a-z0-9]+)*\@[a-z]+(\.[a-z]+)+$/";
$regUser = "/^[A-Z]{1}[a-z0-9]{2,9}$/";
$regPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)[a-zA-Z\d]{6,}$/";
$oktype = ['image/jpg', 'image/jpeg', 'image/png'];

$errors = [];

if(!preg_match($regName, $name)){
    $errors[] = "Name and Surname is invalid";
}

if(!preg_match($regUser, $username)){
    $errors[] = "Username is invalid";
}

if(!preg_match($regEmail, $email)){
    $errors[] = "Email is invalid";
}

if(!preg_match($regPassword, $password)){
    $errors[] = "Password is invalid";
}

if($_FILES['photo']['size'] == 0){
```

```php
            $pic=1;
        } else{

        if(!in_array($file_type, $oktype)){
            $errors[] = "Photo type is invalid";
        }
        if($file_size > 3000000){
            $errors[] = "Max photo size is 3mb";
        }

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

        $currentPhoto = null;
        switch($file_type){
            case 'image/jpg':
                $currentPhoto = imagecreatefromjpg($file_tmp);
                break;
            case 'image/jpeg':
                $currentPhoto = imagecreatefromjpeg($file_tmp);
                break;
            case 'image/png':
                $currentPhoto = imagecreatefrompng($file_tmp);
                break;
        }

        $newWidth = 128;
        $newHeight = ($newWidth/$width) * $height;

        $newPhoto = imagecreatetruecolor($newWidth, $newHeight);

        imagecopyresampled($newPhoto, $currentPhoto, 0, 0, 0, 0,
$newWidth, $newHeight, $width, $height);

        $pname = time().$file_name;
        $pathnewPhoto = 'assets/images/users/new_'.$pname;

        switch($file_type){
            case 'image/jpg':
                imagejpg($newPhoto, '../../'.$pathnewPhoto, 75);
                break;
```

```php
                case 'image/jpeg':
                    imagejpeg($newPhoto, '../../'.$pathnewPhoto, 75);
                    break;
                case 'image/png':
                    imagepng($newPhoto, '../../'.$pathnewPhoto);
                    break;
            }

            $pathcurrentPhoto = 'assets/images/users/'.$pname;


        }

        if(count($errors)>0){
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=register");
        } else {
            $password = md5($password);

            $result_1 = $conn->prepare("SELECT * FROM users WHERE email =
?");
            $result_1->execute([$email]);
            $result_2 = $conn->prepare("SELECT * FROM users WHERE username
= ?");
            $result_2->execute([$username]);
            $r1 = $result_1->fetch();
            $r2 = $result_2->fetch();

            if($r1 != null || $r2 != null) {
                $errors[] = "That user already exists";
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=register");
            } else {

                if($_FILES['photo']['size'] == 0){
                    $pic=1;
                }else{

                if(move_uploaded_file($file_tmp,
'../../'.$pathcurrentPhoto)){
                        $errors[] = "Photo is Uploaded";
```

```php
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=register");

            try {
                $isInserted = insertt($pathcurrentPhoto,
$pathnewPhoto);

                if($isInserted){
                    $errors[] = "Photo path is Uploaded";
                    $_SESSION['error']=$errors;
                    header("Location:
../../index.php?page=register");
                }

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

        $pic=$conn->lastInsertId();

        imagedestroy($currentPhoto);
        imagedestroy($newPhoto);


        }
        $result = $conn->prepare("INSERT INTO users VALUES('',?,
?, ?, ?, ?,?)");
        $result->bindParam("1", $name);
        $result->bindParam("2", $username);
        $result->bindParam("3", $email);
        $result->bindParam("4", $password);
        $result->bindParam("5", $pic);
        $result->bindParam("6", $type);

        $done = $result->execute();
        var_dump($done);
        if($done){
            $errors[] = "User added";
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=register");
```

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

    }
}
?>
```

Logout.php

```php
<?php

session_start();
if(isset($_SESSION['user'])){
    unset($_SESSION['user']);
    session_destroy();
    header("Location: ../../index.php?page=home");
}
```

Login.php

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

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

    $errors=[];
    $regEmail = "/^[a-z0-9]+(\.[a-z0-9]+)*\@[a-z]+(\.[a-z]+)+$/";
    $regPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)[a-zA-Z\d]{6,}$/";

    if(!preg_match($regEmail,$email)){
        $errors[]="Email invalid";
    }
    if(!preg_match($regPassword,$password)){
        $errors[]="Password invalid";
```

```php
        }
    if(count($errors)>0){
        $_SESSION['error']=$errors;
        header("Location: ../../index.php?page=login");
    }else{
        if(strlen($password)<32){
            $password = md5($password);
        }
        $stmt=$conn->prepare("SELECT *, u.id AS useid FROM users u INNER
JOIN roles r ON u.role_id=r.id INNER JOIN userphoto up ON u.pic_id=up.id
WHERE email=? AND pass=?");
        $stmt->bindParam("1",$email);
        $stmt->bindParam("2",$password);

        $stmt->execute();
        $user=$stmt->fetch();

        if($user){
            $_SESSION['user']=$user;
            header("Location: ../../index.php?page=home");
        }else{
            $errors[]="Wrong email or password";
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=login");
        }
    }
}
if(isset($_POST['recover'])){
    require_once "../../config/connection.php";

    $email = $_POST['email'];

    $errors=[];
    $regEmail = "/^[a-z0-9]+(\.[a-z0-9]+)*\@[a-z]+(\.[a-z]+)+$/";

    if(!preg_match($regEmail,$email)){
        $errors[]="Email invalid";
    }

    if(count($errors)>0){
```

```php
        $_SESSION['error']=$errors;
        header("Location: ../../index.php?page=login");
    }else{
        $stmt=$conn->prepare("SELECT * FROM users WHERE email=?");
        $stmt->bindParam("1",$email);

        $stmt->execute();
        $user=$stmt->fetch();
        if($user){

        $password=$user->pass;

        $subject = "Your Recovered Password";

        $message = "Please use this password to login " . $password;
        $headers = "From : admin@gmail.com";

        if(mail($email, $subject, $message, $headers)){
            $errors[]="Your Password has been sent to your email id";
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=login");
        }else{
            $errors[]="Failed to Recover your password, try again";
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=login");
        }
        }else{
            $errors[]="That email isn't registered on our site!";
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=login");
        }
    }
}
```

Users/functions.php

```php
<?php
```

```php
function getAll(){
    return executeQuery("SELECT * FROM userphoto");
}

function getOne($id){
    global $conn;
    $result = $conn->prepare("SELECT * FROM userphoto WHERE id = ?");
    $result->execute([$id]);
    return $result->fetch();
}

function insertt($pathcurrentPhoto, $pathnewPhoto){
    global $conn;
    $insert = $conn->prepare("INSERT INTO userphoto VALUES('', ?, ?)");
    $isInserted = $insert->execute([$pathcurrentPhoto, $pathnewPhoto]);
    return $isInserted;
}
function getUsers(){
    return executeQuery("SELECT * FROM users");
}
function getOneUser($id){
    global $conn;
    $result = $conn->prepare("SELECT * FROM users u INNER JOIN userphoto
up ON u.pic_id=up.id WHERE u.id = ?");
    $result->execute([$id]);
    return $result->fetch();
}
function updatett($pathcurrentPhoto, $pathnewPhoto,$picid){
    global $conn;
    $insert = $conn->prepare("UPDATE userphoto SET original=?, small=?
WHERE id=?");
    $isInserted = $insert->execute([$pathcurrentPhoto,
$pathnewPhoto,$picid]);
    return $isInserted;
}
```

Exportword.php

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

$photo = getOneUser(1);

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

$word_app->Documents->Add();
var_dump($word_app->Selection);
$word_app->Selection->TypeText("$photo->uname \n $photo->username \n
$photo->email");
$wordApp->Documents[1]->SaveAs("AboutAuthor.doc");

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

users/delete.php

```php
<?php
header("Content-type: application/json");
if(isset($_GET['id'])){

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

    $id = $_GET['id'];

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


    $response = [];
    if($r){
        $response = getUsers();
    }
    echo json_encode($response);
```

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

Users/change.php

```php
<?php
session_start();
    if(isset($_POST['register'])){

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

        $name = $_POST['namesurname'];
        $username = $_POST['username'];
        $email = $_POST['email'];
        $password = $_POST['password'];
        $picid=$_POST['id'];

        $file_name = $_FILES['photo']['name'];
        $file_tmp = $_FILES['photo']['tmp_name'];
        $file_type = $_FILES['photo']['type'];
        $file_size = $_FILES['photo']['size'];

        if(isset($_SESSION['user'])){
            if($_SESSION['user']->role_id=="1"){
                $type=$_POST['roleid'];
            }else{
                $type = 2;
            }
        }else{
            $type = 2;
        }




        $regName = "/^[A-Z]{1}[a-z]{2,9}(\s[A-Z]{1}[a-z]{2,9})+$/";
```

```php
$regEmail = "/^[a-z0-9]+(\.[a-z0-9]+)*\@[a-z]+(\.[a-z]+)+$/";
$regUser = "/^[A-Z]{1}[a-z0-9]{2,9}$/";
$regPassword = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)[a-zA-Z\d]{6,}$/";
$oktype = ['image/jpg', 'image/jpeg', 'image/png'];

$errors = [];

if(!preg_match($regName, $name)){
    $errors[] = "Name and Surname is invalid";
}

if(!preg_match($regUser, $username)){
    $errors[] = "Username is invalid";
}

if(!preg_match($regEmail, $email)){
    $errors[] = "Email is invalid";
}
if(strlen($password)<32){
if(!preg_match($regPassword, $password)){
    $errors[] = "Password is invalid";
}
}
if($_FILES['photo']['size'] != 0){

if(!in_array($file_type, $oktype)){
    $errors[] = "Photo type is invalid";
}
if($file_size > 3000000){
    $errors[] = "Max photo size is 3mb";
}

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

$currentPhoto = null;
switch($file_type){
    case 'image/jpg':
        $currentPhoto = imagecreatefromjpg($file_tmp);
        break;
    case 'image/jpeg':
```

```php
                    $currentPhoto = imagecreatefromjpeg($file_tmp);
                    break;
            case 'image/png':
                    $currentPhoto = imagecreatefrompng($file_tmp);
                    break;
        }

        $newWidth = 128;
        $newHeight = ($newWidth/$width) * $height;

        $newPhoto = imagecreatetruecolor($newWidth, $newHeight);

        imagecopyresampled($newPhoto, $currentPhoto, 0, 0, 0, 0,
$newWidth, $newHeight, $width, $height);

        $pname = time().$file_name;
        $pathnewPhoto = 'assets/images/users/new_'.$pname;

        switch($file_type){
            case 'image/jpg':
                    imagejpg($newPhoto, '../../'.$pathnewPhoto, 75);
                    break;
            case 'image/jpeg':
                    imagejpeg($newPhoto, '../../'.$pathnewPhoto, 75);
                    break;
            case 'image/png':
                    imagepng($newPhoto, '../../'.$pathnewPhoto);
                    break;
        }

        $pathcurrentPhoto = 'assets/images/users/'.$pname;


    }

    if(count($errors)>0){
        $_SESSION['error']=$errors;
        header("Location: ../../index.php?page=register&id=$picid");
    } else {

        if(strlen($password)<32){
```

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

            if($_FILES['photo']['size'] == 0){
                $pic=getOneUser($picid)->pic_id;
            }else{

            $pic=getOneUser($picid)->pic_id;

            if(move_uploaded_file($file_tmp,
'../../'.$pathcurrentPhoto)){
                $errors[] = "Photo is Updated";
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=register");

                try {
                    $isInserted = updatett($pathcurrentPhoto,
$pathnewPhoto,$pic);

                    if($isInserted){
                        $errors[] = "Photo path is Updated";
                        $_SESSION['error']=$errors;
                        header("Location:
../../index.php?page=register");
                    }

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


            imagedestroy($currentPhoto);
            imagedestroy($newPhoto);

            }
            $result = $conn->prepare("UPDATE users SET
uname=?,username=?,email=?,pass=?,pic_id=?,role_id=? WHERE id=?");
            $result->bindParam("1", $name);
            $result->bindParam("2", $username);
```

```php
            $result->bindParam("3", $email);
            $result->bindParam("4", $password);
            $result->bindParam("5", $pic);
            $result->bindParam("6", $type);
            $result->bindParam("7", $picid);

            $done = $result->execute();
            var_dump($done);
            if($done){
                $errors[] = "User updated";
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=register");
            } else {
                $_SESSION['error']="error";
                header("Location: ../../index.php?page=register");
            }


        }
    }
?>
```

Sorts.php

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

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

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

    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id==1){
            $edit=1;
        }else{
            $edit=$_SESSION['user']->useid;
```

```php
        }

    }else{
        $edit="no";
    }

    $quer = Query($limit = 0);

    switch($sort){
        case 0:
            $quer .= " ORDER BY post_time DESC LIMIT :limit, :offset";
            break;
        case 1:
            $quer .= " ORDER BY pu.title ASC LIMIT :limit, :offset";
            break;
        case 2:
            $quer .= " ORDER BY pu.title DESC LIMIT :limit, :offset";
            break;
        case 3:
            $quer .= " ORDER BY post_time ASC LIMIT :limit, :offset";
            break;
        case 4:
            $quer .= " ORDER BY post_time DESC LIMIT :limit, :offset";
            break;
    }
    $nop=$conn->prepare("SELECT COUNT(*) AS num_of_photos FROM posts");
    $nop->execute();
    $nop1 = $nop->fetch();

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

    $offset = PHOTO_OFFSET;


    $num_of_p = $nop1->num_of_photos;
    $num_of_photos=($num_of_p / PHOTO_OFFSET);


    $result = $conn->prepare($quer);
    $result->bindParam(":limit", $limit, PDO::PARAM_INT);
    $result->bindParam(":offset", $offset, PDO::PARAM_INT);
```

```php
    $result->execute();



    $posts = $result->fetchAll();
    $photos=$posts;

    echo json_encode([
        "photos" => $photos,
        "num_of_photos" => $num_of_photos,
        "edit" => $edit
    ]);
} else {
    http_response_code(400);
}
```

Photos/insert.php

```php
<?php
session_start();
    if(isset($_POST['add'])){

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

        $title = $_POST['title'];
        $desc = $_POST['desc'];

        $file_name = $_FILES['photo']['name'];
        $file_tmp = $_FILES['photo']['tmp_name'];
        $file_type = $_FILES['photo']['type'];
        $file_size = $_FILES['photo']['size'];

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

        $regTitle = "/^[A-Za-z\s?]+$/";
        $oktype = ['image/jpg', 'image/jpeg', 'image/png'];

        $errors = [];
```

```php
if(isset($_SESSION['user'])){

    $userid=$_SESSION['user']->useid;

}else{
    $errors[] = "No user logged in";
}

if(!preg_match($regTitle, $title)){
    $errors[] = "Title name is invalid";
}
if($_FILES['photo']['size'] == 0){
    $errors[] = "No Photo selected";
} else{

if(!in_array($file_type, $oktype)){
    $errors[] = "Photo type is invalid";
}
if($file_size > 3000000){
    $errors[] = "Max photo size is 3mb";
}

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

$currentPhoto = null;
switch($file_type){
    case 'image/jpg':
        $currentPhoto = imagecreatefromjpg($file_tmp);
        break;
    case 'image/jpeg':
        $currentPhoto = imagecreatefromjpeg($file_tmp);
        break;
    case 'image/png':
        $currentPhoto = imagecreatefrompng($file_tmp);
        break;
}

$newWidth = 300;
$newHeight = 200;
```

```php
        if($width<$newWidth){
            $newWidth=$width;
        }
        if($height<$newHeight){
            $newHeight=$height;
        }


        $medWidth = 1000;
        if($width<$medWidth){
            $medWidth=$width;
        }
        $medHeight = ($medWidth/$width) * $height;

        $newPhoto = imagecreatetruecolor($newWidth, $newHeight);
        $medPhoto = imagecreatetruecolor($medWidth, $medHeight);

        imagecopyresampled($newPhoto, $currentPhoto, 0, 0, 0, 0,
$newWidth, $newHeight, $width, $height);
        imagecopyresampled($medPhoto, $currentPhoto, 0, 0, 0, 0,
$medWidth, $medHeight, $width, $height);

        $pname = time().$file_name;

        $pathnewPhoto = 'assets/images/posts/new_'.$pname;
        $pathmedPhoto = 'assets/images/posts/med_'.$pname;

        switch($file_type){
            case 'image/jpg':
                imagejpg($newPhoto, '../../'.$pathnewPhoto, 75);
                imagejpg($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
            case 'image/jpeg':
                imagejpeg($newPhoto, '../../'.$pathnewPhoto, 75);
                imagejpeg($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
            case 'image/png':
                imagepng($newPhoto, '../../'.$pathnewPhoto, 75);
                imagepng($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
```

```php
        }

        $pathcurrentPhoto = 'assets/images/posts/'.$pname;


        }

        if(count($errors)>0){
            $_SESSION['error']=$errors;
            header("Location: ../../index.php?page=insert");
        } else {
                if($_FILES['photo']['size'] == 0){
                    $errors[] = "No Photo selected";
                }else{

                if(move_uploaded_file($file_tmp,
'../../'.$pathcurrentPhoto)){
                    echo "Photo is uploaded";

                    try {
                        $isInserted = insert($pathcurrentPhoto,
$pathnewPhoto, $pathmedPhoto);

                        if($isInserted){
                            echo "Path to photo is uploaded";
                        }

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

            $pic=$conn->lastInsertId();

            imagedestroy($currentPhoto);
            imagedestroy($newPhoto);
            imagedestroy($medPhoto);

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

```php
                $result->bindParam("1", $title);
                $result->bindParam("2", $desc);
                $result->bindParam("3", $date);
                $result->bindParam("4", $pic);
                $result->bindParam("5", $userid);

                $done = $result->execute();
                var_dump($done);
                if($done){
                    echo "User added";
                    header("Location: ../../index.php?page=home");
                } else {
                    $_SESSION['error']="error";
                    header("Location: ../../index.php?page=insert");
                }

            }
        }
?>
```

Get_pagination.php

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

if(isset($_GET['id'])){
    $name=trim("",$_GET['id']);
    if($name!=""){
    $name = "%".strtolower($name)."%";
    }else {$name="";}
}else {$name="";}
if(isset($_GET['limit'])){
    require_once "../../config/connection.php";
    include "functions.php";


    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id==1){
            $edit=1;
```

```php
        }else{
            $edit=$_SESSION['user']->useid;
        }

    }else{
        $edit="no";
    }

    $limit = $_GET['limit'];

    if($name!=""){

        $search = Query($limit = 0);

        $search .= " WHERE LOWER(title) LIKE :name LIMIT :limit, :offset";
        $nop=$conn->prepare("SELECT COUNT(*) AS num_of_photos FROM posts
WHERE LOWER(title) LIKE :name");
        $nop->bindParam(":name", $name);
        $nop->execute();
        $nop1 = $nop->fetch();

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

        $offset = PHOTO_OFFSET;


        $num_of_p = $nop1->num_of_photos;
        $num_of_photos=($num_of_p / PHOTO_OFFSET);


        $result = $conn->prepare($search);
        $result->bindParam(":name", $name);
        $result->bindParam(":limit", $limit, PDO::PARAM_INT);
        $result->bindParam(":offset", $offset, PDO::PARAM_INT);

        $result->execute();


        $posts = $result->fetchAll();
```

```php
        $photos=$posts;

    }else{
        $photos = get_posts_with_photo($limit);
        $num_of_photos = get_pagination_count();
    }


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

Photos/functions.php

```php
<?php
define("PHOTO_OFFSET", 9);
function get_posts_with_photo($limit = 0){
    global $conn;
    try{
    $select = $conn->prepare("SELECT *, pu.id AS post_id FROM posts pu
INNER JOIN photos p ON pu.photo_id = p.id LIMIT :limit, :offset");
    $limit = ((int) $limit) * PHOTO_OFFSET;
    $select->bindParam(":limit", $limit, PDO::PARAM_INT);

    $offset = PHOTO_OFFSET;
    $select->bindParam(":offset", $offset, PDO::PARAM_INT);

    $select->execute();

    $photos=$select->fetchAll();
    return $photos;
```

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

function get_users($post_id){
    global $conn;
    try{
        $select = $conn->prepare("SELECT username FROM users u INNER JOIN
posts p ON u.id = p.user_ids WHERE p.id = ?");
        $select->execute([$post_id]);

        return $select->fetch();

    } catch(PDOException $ex){
        return null;
    }
}
function get_all_users(){
    global $conn;
    try{
        $select = $conn->prepare("SELECT * FROM users u INNER JOIN roles r
ON u.role_id = r.id");
        $select->execute();

        return $select->fetch();

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

function get_one_post_with_photo_and_user($post_id){
    global $conn;
    try {
        $select_post = $conn->prepare("SELECT *, pu.id AS post_id FROM
posts pu INNER JOIN photos p ON pu.photo_id = p.id WHERE pu.id = ?");
        $select_post->execute([$post_id]);
```

```php
        $post = $select_post->fetch();
        $post->user = get_users($post->post_id);

        return $post;

    } catch(PDOException $ex){
        return null;
    }
}
function insert($pathcurrentPhoto, $pathnewPhoto, $pathmedPhoto){
    global $conn;
    $insert = $conn->prepare("INSERT INTO photos VALUES('', ?, ?, ?)");
    $isInserted = $insert->execute([$pathcurrentPhoto, $pathnewPhoto,
$pathmedPhoto]);
    return $isInserted;
}
function updatet($pathcurrentPhoto, $pathnewPhoto, $pathmedPhoto,$pic){
    global $conn;
    $insert = $conn->prepare("UPDATE photos SET original=? , small=? ,
medium=? WHERE id=?");
    $isInserted = $insert->execute([$pathcurrentPhoto, $pathnewPhoto,
$pathmedPhoto, $pic]);
    return $isInserted;
}


function get_num_of_photos(){
    return executeQueryOneRow("SELECT COUNT(*) AS num_of_photos FROM
posts");
}

function get_pagination_count(){
    $result = get_num_of_photos();
    $num_of_photos = $result->num_of_photos;

    return ceil($num_of_photos / PHOTO_OFFSET);
}
function Query($limit = 0){
    return "SELECT *, pu.id AS post_id FROM posts pu INNER JOIN photos p
ON pu.photo_id = p.id INNER JOIN users u ON pu.user_ids = u.id";
```

```php
}
function menu(){
    return executeQuery("SELECT * FROM menu");
}
function get_log_pagination_count(){
    $num_of_logs = get_num_of_logs();
    return ceil($num_of_logs / PHOTO_OFFSET);
}
function get_num_of_logs(){
    $open = fopen("data/log.txt", "r");
    $logdata = file("data/log.txt");
    fclose($open);
    return count($logdata);
}
```

Filters.php

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

    if(isset($_SESSION['user'])){
        if($_SESSION['user']->role_id==1){
            $edit=1;
        }else{
            $edit=$_SESSION['user']->useid;
        }

    }else{
        $edit="no";
    }

    $name = "%".strtolower($_POST['search'])."%";
    $search = Query($limit = 0);
```

```php
    $search .= " WHERE LOWER(title) LIKE :name LIMIT :limit, :offset";
    $nop=$conn->prepare("SELECT COUNT(*) AS num_of_photos FROM posts WHERE
LOWER(title) LIKE :name");
    $nop->bindParam(":name", $name);
    $nop->execute();
    $nop1 = $nop->fetch();

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

    $offset = PHOTO_OFFSET;


    $num_of_p = $nop1->num_of_photos;
    $num_of_photos=($num_of_p / PHOTO_OFFSET);


    $result = $conn->prepare($search);
    $result->bindParam(":name", $name);
    $result->bindParam(":limit", $limit, PDO::PARAM_INT);
    $result->bindParam(":offset", $offset, PDO::PARAM_INT);

    $result->execute();



    $posts = $result->fetchAll();
    $photos=$posts;

    echo json_encode([
        "photos" => $photos,
        "num_of_photos" => $num_of_photos,
        "edit" => $edit
    ]);



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

Exportexcel.php

```php
<?php

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

$users = get_all_users();

$excel = new COM("Excel.Application");

$excel->Visible = 1;

$workbook = $excel->Workbooks->Add();

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

$br = 1;
foreach($users as $user){
    $polje = $sheet->Range("A{$br}");
    $polje->activate;
    $polje->value = $user->uname;

    $polje = $sheet->Range("B{$br}");
    $polje->activate;
    $polje->value = $user->username;

    $polje = $sheet->Range("C{$br}");
    $polje->activate;
    $polje->value = $user->email;

    $polje = $sheet->Range("D{$br}");
    $polje->activate;
    $polje->value = $user->role;

    $br++;
}

$polje = $sheet->Range("E{$br}");
$polje->activate;
```

```php
$polje->value = count($users);

$workbook->_SaveAs("Users.xlsx" -4143);
$workbook->Save();
header("Location: ../../index.php?page=author");
```

photos/delete.php

```php
<?php
header("Content-type: application/json");
if(isset($_GET['id'])){

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

    $id = $_GET['id'];

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


    header("Location: ../../index.php?page=home");
} else {
    http_response_code(400);
}
```

Photos/change.php

```php
<?php
session_start();
    if(isset($_POST['add'])){

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

        $title = $_POST['title'];
        $desc = $_POST['desc'];
        $picid=$_POST['id'];
```

```php
$file_name = $_FILES['photo']['name'];
$file_tmp = $_FILES['photo']['tmp_name'];
$file_type = $_FILES['photo']['type'];
$file_size = $_FILES['photo']['size'];

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

$regTitle = "/^[A-Za-z\s?]+$/";
$oktype = ['image/jpg', 'image/jpeg', 'image/png'];

$errors = [];

if(isset($_SESSION['user'])){

$userid=$_SESSION['user']->useid;

}else{
    $errors[] = "No user logged in";
}

if(!preg_match($regTitle, $title)){
    $errors[] = "Title name is invalid";
}
if($_FILES['photo']['size'] != 0){

if(!in_array($file_type, $oktype)){
    $errors[] = "Photo type is invalid";
}
if($file_size > 3000000){
    $errors[] = "Max photo size is 3mb";
}

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

$currentPhoto = null;
switch($file_type){
    case 'image/jpg':
        $currentPhoto = imagecreatefromjpg($file_tmp);
        break;
```

```php
            case 'image/jpeg':
                $currentPhoto = imagecreatefromjpeg($file_tmp);
                break;
            case 'image/png':
                $currentPhoto = imagecreatefrompng($file_tmp);
                break;
        }

        $newWidth = 300;
        $newHeight = 200;
        if($width<$newWidth){
            $newWidth=$width;
        }
        if($height<$newHeight){
            $newHeight=$height;
        }


        $medWidth = 1000;
        if($width<$medWidth){
            $medWidth=$width;
        }
        $medHeight = ($medWidth/$width) * $height;

        $newPhoto = imagecreatetruecolor($newWidth, $newHeight);
        $medPhoto = imagecreatetruecolor($medWidth, $medHeight);

        imagecopyresampled($newPhoto, $currentPhoto, 0, 0, 0, 0,
$newWidth, $newHeight, $width, $height);
        imagecopyresampled($medPhoto, $currentPhoto, 0, 0, 0, 0,
$medWidth, $medHeight, $width, $height);

        $pname = time().$file_name;

        $pathnewPhoto = 'assets/images/posts/new_'.$pname;
        $pathmedPhoto = 'assets/images/posts/med_'.$pname;

        switch($file_type){
            case 'image/jpg':
                imagejpg($newPhoto, '../../'.$pathnewPhoto, 75);
```

```php
                imagejpg($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
            case 'image/jpeg':
                imagejpeg($newPhoto, '../../'.$pathnewPhoto, 75);
                imagejpeg($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
            case 'image/png':
                imagepng($newPhoto, '../../'.$pathnewPhoto, 75);
                imagepng($medPhoto, '../../'.$pathmedPhoto, 75);
                break;
        }

        $pathcurrentPhoto = 'assets/images/posts/'.$pname;


    }

    if(count($errors)>0){
        $_SESSION['error']=$errors;
        header("Location: ../../index.php?page=insert&id=$picid");
    } else {
            if($_FILES['photo']['size'] == 0){
                $pic=get_one_post_with_photo_and_user($picid)-
>photo_id;
            }else{


            $pic=get_one_post_with_photo_and_user($picid)->photo_id;

            if(move_uploaded_file($file_tmp,
'../../'.$pathcurrentPhoto)){
                $errors[] = "Photo is Updated";
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=insert");

                try {
                    $isInserted = updatet($pathcurrentPhoto,
$pathnewPhoto, $pathmedPhoto,$pic);

                    if($isInserted){
                        $errors[] = "Photo path is Updated";
```

```php
                            $_SESSION['error']=$errors;
                            header("Location:
../../index.php?page=insert");
                        }

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

            imagedestroy($currentPhoto);
            imagedestroy($newPhoto);
            imagedestroy($medPhoto);

            }
            $result = $conn->prepare("UPDATE posts SET
title=?,descriptions=?,post_time=?,photo_id=?,user_ids=? WHERE id=?");
            $result->bindParam("1", $title);
            $result->bindParam("2", $desc);
            $result->bindParam("3", $date);
            $result->bindParam("4", $pic);
            $result->bindParam("5", $userid);
            $result->bindParam("6", $picid);

            $done = $result->execute();
            var_dump($done);
            if($done){
                $errors[] = "Photo is Added";
                $_SESSION['error']=$errors;
                header("Location: ../../index.php?page=insert");
            } else {
                $_SESSION['error']="error";
                header("Location: ../../index.php?page=insert");
            }

        }
    }
?>
```

Connection.php

```php
<?php

require_once "config.php";

saveaccess();
if(isset($_SESSION['user'])){
    $user=$_SESSION['user']->useid;
    function savelastseen(){
        $rez=$conn-prepare("UPDATE users SET lastseen = NOW() WHERE id
=?");
        $rez->execute([$user]);
    }
}
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 executeQueryOneRow($query){
    global $conn;
    return $conn->query($query)->fetch();
}


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

```
    }
}
```

Config.php

```php
<?php

define("ABSOLUTE_PATH", $_SERVER["DOCUMENT_ROOT"]."/php1sajt");


define("ENV_FAJL", ABSOLUTE_PATH."/config/.env");
define("LOG_FAJL", ABSOLUTE_PATH."/data/log.txt");
define("VOTE_FAJL", ABSOLUTE_PATH."/data/notes.txt");
define("SEPARATOR", "\t");

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

function env($name){
    $file = file(ENV_FAJL);
    $result = "";
    foreach($file as $key=>$value){
        $config = explode("=", $value);
        if($config[0]==$name){
            $result = trim($config[1]);
        }
    }
    return $result;
}
```

Main.js

```js
$(document).ready(function(){
    $("body").on("click", ".photo-pagination", function(){
        let limit = $(this).data("limit");
        let id = $(this).data("id");
```

```javascript
        $.ajax({
            url: "models/photos/get_pagination.php",
            method: "GET",
            data: {
                limit: limit,
                id: id
            },
            success: function(data){
                console.log(data);
                printPhotos(data.photos,data.edit);
                printPagination(data.num_of_photos);
            },
            error: function(error){
                console.log(error);
            }
        })

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

        $.ajax({
            url: "models/photos/sorts.php",
            method: "POST",
            data: {
                sort: sort
            },
            dataType: 'json',
            success: function(photos){
                console.log(photos);
                printPhotos(photos.photos,photos.edit);
                printPagination(photos.num_of_photos);
            },
            error: function(error){
                console.log(error);
            }
        })
    });
    $("#search").keyup(function(){
        let search = $(this).val();
```

```javascript
        $.ajax({
            url: "models/photos/filters.php",
            method: "POST",
            data: {
                search: search
            },
            dataType: 'json',
            success: function(photos){
                console.log(photos);
                printPhotos(photos.photos,photos.edit);
                printPagination(photos.num_of_photos);
            },
            error: function(error){
                console.log(error);
            }
        })
    });
    $(document).on("click", ".del", function(e){
        e.preventDefault();
        let id = $(this).data("id");

        $.ajax({
            url: "models/users/delete.php",
            method: "GET",
            data: {
                id: id
            },
            success: function(response){
                printUsers(response);
            },
            error: function(xhr, error, status){
                alert(error);
            }
        })
    });
});

function printPhotos(photos,edit){
    let html = "";
```

```
    for(let photo of photos){
        html += `<div class="col-md-4 col-sm-4">
                    <div class="panel panel-default">
                        <div class="panel-heading">
                        ${ photo.title }
                        </div>
                        <div class="panel-body">
                        <img src="${ photo.small }">
                        </div>
                        <div class="panel-footer">
                        <a href="index.php?page=post&id=${ photo.post_id
}" class="btn btn-primary" >View post</a>
                        `;
    if(edit==1){
        html+=`<a href="index.php?page=insert&id=${ photo.post_id }"
class="btn btn-warning">Edit</a>
            <a href="models/photos/delete.php?id=${ photo.post_id }"
class="btn btn-danger">Delete</a>
            </div>
                </div>
        </div>`;
    }else if(edit==photo.user_ids){
        html+=`<a href="index.php?page=insert&id=${ photo.post_id }"
class="btn btn-warning">Edit</a>
            <a href="models/photos/delete.php?id=${ photo.post_id }"
class="btn btn-danger">Delete</a>
            </div>
                </div>
        </div>`;
    }else{
        html+=`</div>
        </div>
        </div>`;
    }
    }
    $("#photos").html(html);
}

function printPagination(num_of_photos){
    let html = " ";
```

```javascript
    let name = document.getElementById('search').value;

    for(let i = 0; i < num_of_photos; i++){
        html += `<li class="paginate_button" aria-controls="dataTables-
example" tabindex="0"><a href="#" class="photo-pagination" data-limit="${
i }" data-id="${name}" >${ i + 1 }</a></li>`;
    }
    $("#pagination").html(html);
}
function printUsers(response){
    let html = "";
    for(let respon of response){
        html += printUser(respon);
    }
    $("#usus").html(html);
}
function printUser(respon){
    return `<tr>
    <td>${ respon.id }</td>
    <td>${ respon.uname }</td>
    <td>${ respon.username }</td>
    <td>${ respon.email }</td>
    <td>${ respon.role_id }</td>
    <td>
      <a href="index.php?page=register&id=${ respon.id }">Edit</a>
    </td>
    <td>
      <a href="#" data-id="${ respon.id }" class="del" >Delete</a>
    </td>
  </tr>`;
}
```