DOKUMENTACIJA

http://gadgetshopadvanced.000webhostapp.com

Aleksa Predragović 289/18

UVOD

1.1 Korišćceni programski jezici:

HTML, CSS, native Javascript, Jquery, PHP, Sajt je pisan u programu Visual Studio Code

1.2 Funcionalnosti sajt su:

Sajt je namenjen za online shopping raznih proizvoda. Na svakoj stranici je učitan navigacioni meni iz baze. Na stranici index.php?page=home su prikazana 3 nasumično izabrana proizvoda iz baze. Na stranici index.php?page=products su prikazani svi proizvodi kao i njihova podela u paginaciji, takođe postoji i mogućnost filtriranja po kategorijama, sortiranja po ceni, i pretraga proizvoda po nazivu. Na stranici index.php?page=about se nalazi statički tekst o autoru. Na stranici index.php?page=register se nalazi forma za registraciju korisnika.

Na svakoj stranici se takođe prikazuje forma za logovanje korisnika, kao i link ka registraciji . Ako korisnik unese dobar username,ali ne password, dobija poruku na email adresu o grešci za logovanje. Kada se korisnik/admin uloguje u navigacionom meniju se pojavljuje link za logout kao i link ka user/admin stranici.

Na stranici index.php?page=user se nalaze sve informacije o ulogovanom korisniku. Na ovoj stranici korisnik može da promeni bilo koji deo svog naloga pod uslovom da unese validne podatke.

Na stranici index.php?page=admin se nalaze forme za unos novih proizvoda i korisnika, kao i mogućnost promene vec postojećih. Takođe je prikazana posećenost svakoj stranici u poslednjih 24h.

1.3   Tamplate:

Ovaj Tamplate je korišćen za izradu svake stranice izuzev saržaja koji se razlikuje.Detaljniji kod će biti prikazan u stavci KODOVI

HOME   PRODUCTS   ABOUT

Live Music

username

password

LOG IN

Dont Have an Account? Sign up!

CENTRALNI SADRŽAJ

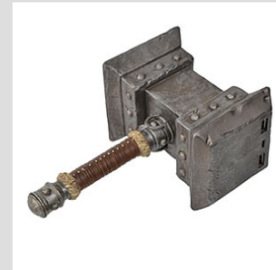## FEATURED PRODUCTS

Supernova Sphere

Star Wars USB Wall Charger - BB-8

Warcraft Doomhammer Power Bank

SHOP NOW

FOOTER

INFO

Address: 8644 Beechwood St. Southfield, MI 48076

Contact: Phone +3913259483 Email gadgetshop@gmail.com

SITE MAP   DOCUMENTATION

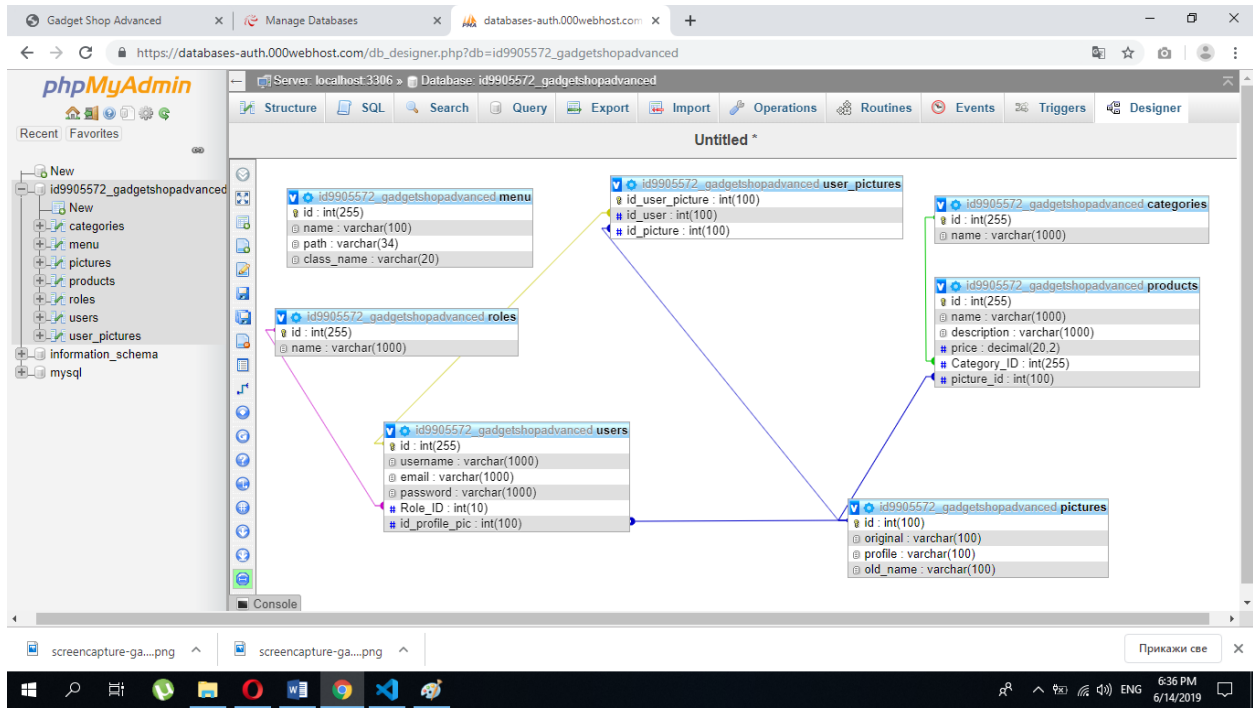DOWNLOAD AUTHOR INFO

DOWNLOAD PRODUCTS

GET SOCIAL

google+

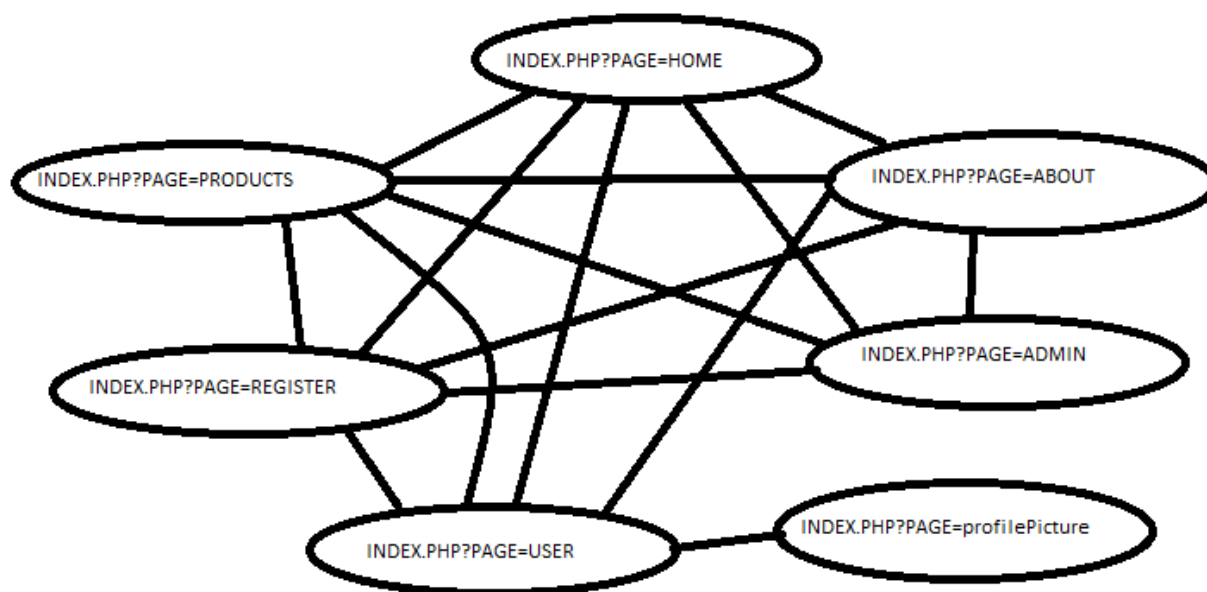twitter

facebook

BAZA PODATAKA

ORGANIZACIJA

2.1 Organizaciona šema

2.2 Mapa sajta

```xml
<?xml version="1.0" encoding="UTF-8"?>
<urlset
      xmlns="http://www.sitemaps.org/schemas/sitemap/0.9"
      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
      xsi:schemaLocation="http://www.sitemaps.org/schemas/sitemap/0.9
            http://www.sitemaps.org/schemas/sitemap/0.9/sitemap.xsd">
<!-- created with Free Online Sitemap Generator www.xml-sitemaps.com -
->


<url>
  <loc>http://gadgetshopadvanced.000webhostapp.com/</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>1.00</priority>
</url>
```

```xml
<url>
  <loc>http://gadgetshopadvanced.000webhostapp.com/index.php</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=products</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=about</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=register</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/models/user/getMe.php</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/models/products/getAllExcel.php</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.80</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=products&amp;id=1</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.64</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=products&amp;id=2</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
```

```
   <priority>0.64</priority>
</url>
<url>

<loc>http://gadgetshopadvanced.000webhostapp.com/index.php?page=produc
ts&amp;id=3</loc>
  <lastmod>2019-06-14T12:04:41+00:00</lastmod>
  <priority>0.64</priority>
</url>


</urlset>
```
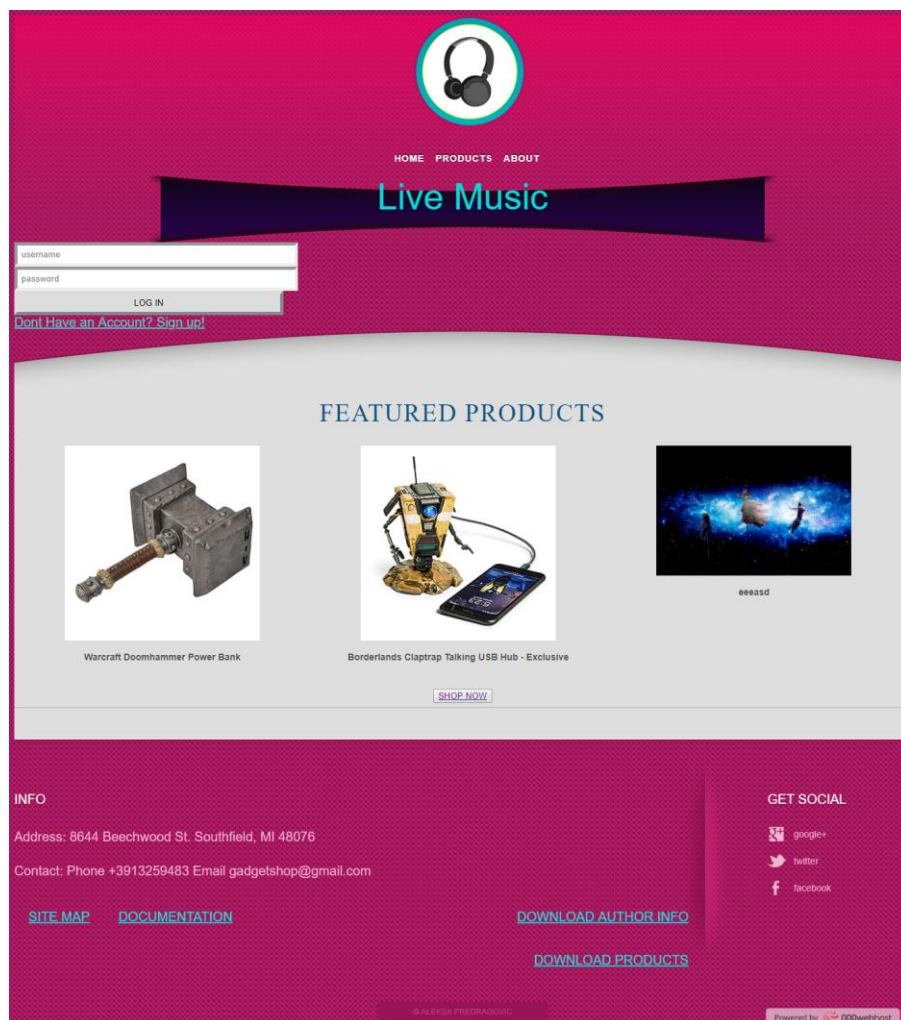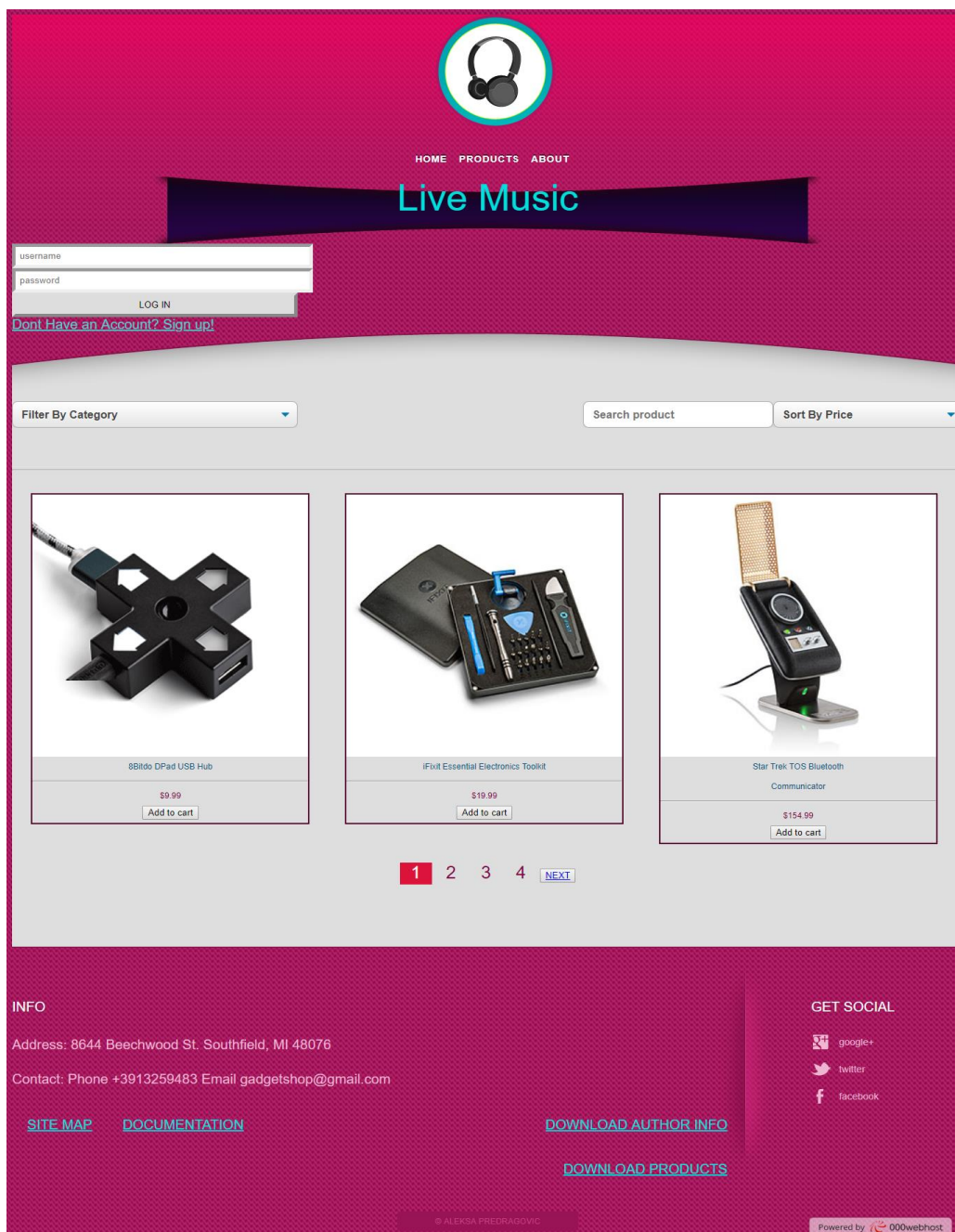
2.3 Funcionalnosti stranica

Index.php?page=home

Na ovoj stranici se nalaze 3 nasumično izabrana proizvoda iz baze podataka. Takođe postoji i forma za logovanje korisnika, i link ka registraciji

Index.php?page=products

Na ovoj stranici se nalaze svi proizvoid podeljeni po paginaciji – 3 po strani, kao i polja za filtriranje proizvoda po kategoriji i nazivu i sortiranje po ceni. Takođe postoji i forma za logovanje korisnika, i link ka registraciji

Index.php?page=about

Na ovoj stranici se nalaze sve informacije o autoru sajta. Takođe postoji i forma za logovanje korisnika, i link ka registraciji

Index.php?page=register

Na ovoj stranici se nalazi forma za registraciju korisnika. Forma sadrži i klijentsku i serversku validaciju podataka. Kada su svi podaci uneti ispravno, tada se zapisuju u bazu i korisnik moze da se uloguje.

Index.php?page=user

Na ovoj stranici se nalaze sve informacije o ulogovanom korisniku.
Korisnik ovde može da promeni svoj username, email, i šifru.
Može i da postavi svoju sliku koja će se sačuvati na serveru.
Klikom na sliku ga vodi ka stranici za promenu profilne slike.

Index.php?page=profilePicture
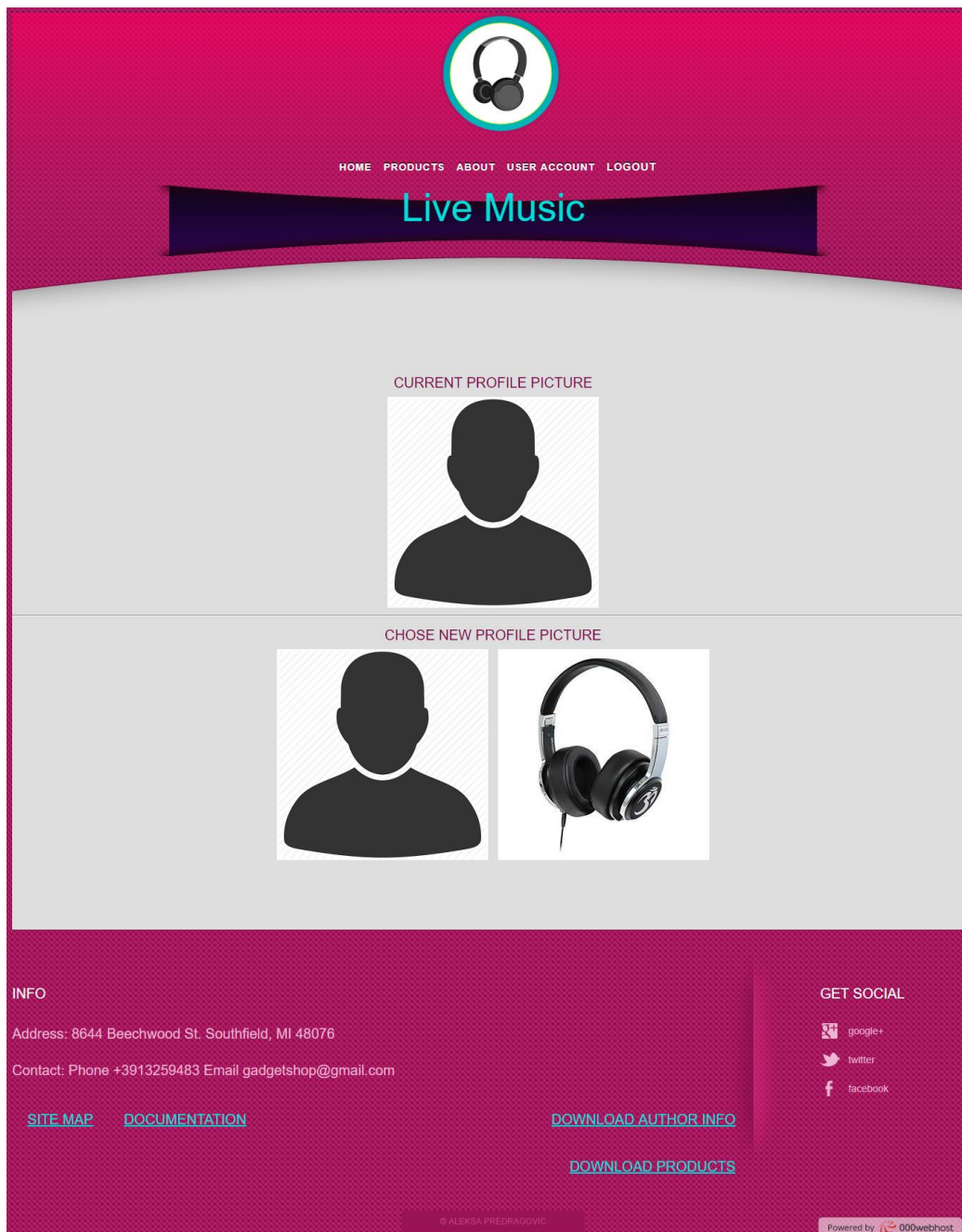
Na ovoj stranici se nalaze sve slike ulogovanog korisnika. Ovde korisnik može da promeni svoju profilnu sliku odabirom željene slike iz kolkecije.

Index.php?page=admin

Na ovoj stranici se nalaze forme za dodavanje novih proizvoda i korisnika. U tabelama se nalaze dugmići za brisanje i ažuriranje

odredjenog proizvoda ili korisnika. Prilikom ažuriranja se
proveravaju uneti podaci, i ako je administrator slučajno napravio
gresku, ona ce mu se ispisati na vrhu stranice. Na vrhu stranice se
takođe ispisuju posećenosti stranicama u proteklih 24h.

KODOVI

SVI KODOVI KOJI SU PREUZETI SA NETA SU OBOJENI CRVENO

Index.php

```php
<?php
session_start();
include "config/connection.php";
include "models/products/functionsProducts.php";
include "models/user/functionsUser.php";
include "models/categories/functionsCategories.php";




include "views/fixed/header.php";
if(!isset($_SESSION["account"])):
    include "views/fixed/loginForm.php";
```

```php
    endif;

include "views/fixed/beginBodyDiv.php";

if(isset($_GET["page"])):
    switch($_GET["page"]):
        case "products":
            include "views/pages/products.php";
            break;
        case "about":
            include "views/pages/about.php";
            break;
        case "user":

            if(isset($_SESSION["account"])):
                if($_SESSION["account"]->Role_ID == 2)
                    include "views/pages/user.php";
            else
                http_response_code(404);
            endif;
            break;
        case "admin":
            if(isset($_SESSION["account"])):
                if($_SESSION["account"]->Role_ID ==1)
                    include "views/pages/admin.php";
            else
```

```php
            http_response_code(404);

        endif;

        break;

    case "register":

        include "views/fixed/registerForm.php";

        break;

    case "profilePicture":

    if(isset($_SESSION["account"])):

        if($_SESSION["account"]->Role_ID == 2)

            include "views/pages/profilePicture.php";

            break;

    else:

        http_response_code(404);

    endif;

    default:

        include "views/pages/home.php";

    break;

    endswitch;

else:

    include "views/pages/home.php";

endif;

include "views/fixed/endBodyDiv.php";

include "views/fixed/footer.php";

?>
```

Views/fixed/beginBodyDiv.php

```
<div id="body">
    <div>
        <div>
            <div>
                <div>
```

Views/fixed/endBodyDiv.php

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

Views/fixed/footer.php

```
<div id="footer">
    <div>
        <div>
            <h3>INFO</h3>
            <p class= "info">Address: 8644 Beechwood St. Southfield, MI 48076</p>
            <p class="info">Contact: Phone +3913259483 Email gadgetshop@gmail.com</p>
            <a class="a-info" href = "sitemap.xml">SITE MAP</a>
```

```html
<a class="a-info" href = "documentation.pdf">DOCUMENTATION</a>

<a class ="a-infoR"  href = "models/user/getMe.php">DOWNLOAD AUTHOR INFO</a>

<a class ="a-infoR"  href = "models/products/getAllExcel.php">DOWNLOAD PRODUCTS</a>
                            </div>
                            <div>
                                <h3>Get Social</h3>
                                <ul>
                                    <li>
                                        <a href="http://freewebsitetemplates.com/go/googleplus/" target="_blank" id="googleplus">Google&#43;</a>
                                    </li>
                                    <li>
                                        <a href="http://freewebsitetemplates.com/go/twitter/" target="_blank" id="twitter">Twitter</a>
                                    </li>
                                    <li>
                                        <a href="http://freewebsitetemplates.com/go/facebook/" target="_blank" id="facebook">Facebook</a>
                                    </li>
                                </ul>
                            </div>
                        </div>
```

```
            <p class="footnote">

                    &copy; ALEKSA PREDRAGOVIC

            </p>

        </div>

<script type ="text/javascript" src = "assets/js/jq.js"></script>

<script type ="text/javascript" src = "assets/js/index.js"></script>

</body>

</html>
```

Views/fixed/header.php

```
<!DOCTYPE html>


<html>

<head>

        <meta charset="UTF-8">

        <title>Gadget Shop Advanced</title>

        <link rel="stylesheet" type="text/css" href="assets/css/style.css"/>

        <meta name = "viewport" content = "width=device-width, initial-scale=1.0">

</head>

<body>

        <div id="header">

                <div>

                        <div id="logo">

                                <a href="index.php"><img src="assets/images/logo.png"
alt="Logo"></a>

                        </div>
```

```html
            <ul id ="meni">
                    <?php
                    include "models/menu/showMenu.php";
                    ?>
        </ul>
            </div>
            <div>
                    <div id="figure">
                        <div>


                                    <span id="background">
                                            <h1>Live Music</h1>
                                    </span>
                            </div>
                        </div>
                    </div>
        </div>
```

Views/fixed/loginForm.php

```html
<div id = "login">
    <form action = "models/login/login.php" method = "post"  class = "login">
        <input type = "text" id = "username" name = "username" placeholder =
"username"/></br>
        <input type ="password" id = "password" name = "password" placeholder =
"password"></br>
        <input type = "submit" id = "posalji" name = "send" value = "LOG IN"/>
```

```php
        </form>

        <?php if(isset($_GET["error"])):?>

                        <p class ="error"><?= $_GET["error"]; ?></p>

        <?php endif;?>

        <a class ="signUp" href = "index.php?page=register">Dont Have an Account? Sign
up!</a>

    </div>
```

Views/fixed/registerForm.php

```
<form id = "forma" action = "models/login/register.php" method = "post" class =
"register">

    <input type = "text" id = "usernameReg" name = "username" placeholder =
"Username"/> </br>

    <input type = "text" id = "email" name = "email" placeholder = "Email"/></br>

    <input type = "password" id = "passwordReg" name = "password" placeholder =
"Password"/></br>

    <input type = "password" id = "Cpassword" name = "Cpassword" placeholder =
"Confirm Password"/></br>

    <input type = "submit" id = "send" name = "send" value = "Register"/>

</form>
```

Views/pages/about.php

```
<div id = "omeni"><h1>About the author</h1><hr>

    <div id="tekst"> <b>Full Name:Aleksa Predragović</b></br>

    <b>Index Number:289/18</b>

    <p>I was born in Belgrade on the 14th of March 1998. I graduated electro-
technical high school "Nikola Tesla" profile: "Electro-Technician of Telecommunications".

    I'm currently studding on the ICT College of applied studies, profile: "Web
Programming",index number:289/18.

    My goal for this website is to show the functions of PHP</p>

    <img id = "ja" src = "assets/images/ja.jpg"/>

  </div>

</div>
```

Views/pages/admin.php

```php
<div id="article">

    <?php

    include "models/attendances/functions.php";

    $attendance = pageAttendencePercent();


    if(isset($_GET["message"])):?>


        <span class = "spanGreske"><?=$_GET["message"]?></span>

    <?php endif;?>

    <div class = "siteInfo">

        <p class ="pText">WEBSITE INFO</p>

        <p class = "pText">Site attendance:</p>

        <?php foreach($attendance as $key => $value):?>

        <p class = "pText"><?=$key . " - ". $value."%"?></p>

    <?php endforeach;?>

    </div><hr>

    <form action = "models/products/insertProduct.php" method = "post" class =
"registerP" enctype="multipart/form-data">

    <p class ="pText">ADD NEW PRODUCT</p>

        <input type = "text" name = "productName" id = "productName" placeholder =
"product name"/></br>

        <input type = "text" name = "productDesc" id = "productDesc" placeholder =
"product description"/></br>

        <input type = "text" name = "productPrice" id = "productPrice" placeholder =
"product price"/></br>
```

```html
        <input type = "text" name = "productCat" id = "productCat" placeholder = "product category"/></br>

        <span class ="spanText">IMPORT PICTURE<input type = "file" name = "productPicture"/></span></br>

        <input type = "submit" name = "send" id = "send" value ="Add" />

    </form>


    <form action = "models/user/insertUser.php" method = "post" class = "registerU" enctype="multipart/form-data">

    <p class ="pText">ADD NEW USER</p>

        <input type = "text" name = "username" id = "userName" placeholder = "username"/></br>

        <input type = "text" name = "email" id = "email" placeholder = "email"/></br>

        <input type = "password" name = "password" id = "password" placeholder = "password"/></br>

        <input type = "password" name = "passwordC" id = "passwordC" placeholder = "Confirm password"/></br>

        <span class = "spanText">IMPORT PROFILE PICTURE<input type = "file" name = "fileUser"/></span></br>

        ADMIN:<input class ="ne" type = "radio" name = "role" value= "1"/>

        USER:<input class = "ne" type = "radio" name = "role" value= "2"/><br>

        <input type = "submit" name = "send"  value ="Add" />

    </form>

    <div class = "updateForma">

        <p class = "pText">UPDATE PRODUCT</p>

        <form action = "models/products/updateProduct.php" method = "post" class = "register" enctype="multipart/form-data">

            <input type = "text" name = "name"  placeholder = "product name"/></br>
```

```html
            <input type = "text" name = "description"  placeholder = "product
description"/></br>

            <input type = "text" name = "price"  placeholder = "product price"/></br>

            <input type = "text" name = "category"  placeholder = "product
category"/></br>

            <input type = "hidden" name = "idProduct" id = "idProduct"/>

            <span class = "spanText">CHANGE PICTURE<input type = "file" name =
"file"/></span>

            <input type = "submit" name = "sendU" id = "sendU" value ="Update" />

        </form>

    </div>

    <div class = "updateFormaU">

        <p class = "pText">UPDATE USER</p>

        <form action = "models/user/updateUser.php" method = "post" class =
"register" enctype="multipart/form-data">

            <input type = "text" name = "username" id = "usernameU" placeholder =
"username"/></br>

            <input type = "text" name = "email" id = "emailU" placeholder =
"email"/></br>

            <input type = "text" name = "password" id = "passwordU" placeholder =
"password"/></br>

            <input type = "text" name = "passwordC" id = "passwordUC" placeholder =
"Confirm password"/></br>

        <span class = "spanText">CHANGE PROFILE PICTURE<input type = "file" name =
"fileUser"/></span></br>

            <input type = "hidden" name = "idUser" id = "idUser"/>

            ADMIN:<input class ="ne" type = "radio" name = "role" value= "1"/></br>

            USER:<input class = "ne" type = "radio" name = "role" value= "2" /></br>
```

```php
                <input type = "submit" name = "adminUpdate" id = "sendUserUpdate"
value ="Update" />
            </form>
            </div>
    <div id="sidebar">
    <table class = "tabela" border = "1px solid black" >
        <tr>
            <th>Product ID</td>
            <th>Product Name</th>
            <th>Product Description</th>
            <th>Product Price</th>
            <th>Picture</th>
            <th>Category ID</th>
        </tr>
        <tbody id = "products">
        <?php
        $products = getAllProducts();
        foreach($products as $product):
        ?>
            <tr>
                <td><?=$product->id?></td>
                <td><?=$product->name?></td>
                <td><?=$product->description?></td>
                <td>$<?=$product->price?></td>
                <td><img src = "<?=$product->original?>"/></td>
                <td><?=$product->Category_ID?></td>
```

```html
            <td>

                <button><a data-id = "<?=$product->id?>" class = "delete"  name = "delete" href = "" >DELETE PRODUCT</a></button>

                <button><a data-id = "<?=$product->id?>" class = "update" name = "update" href = "#" >UPDATE PRODUCT</a></button>

            </td>

        </tr>

    <?php endforeach;?>

    </tbody>

    </table>

    <hr>

    <table class = "tabela" border = "1px solid black" id = "users" >

    <tr>

        <th>User ID</th>

        <th>Username</th>

        <th>Email</th>

        <th>Profile Picture</th>

        <th>Role</th>

    </tr>

    <tbody id = "users">

    <?php

    $users = getAllUsers();

    foreach($users as $user):

    ?>

        <tr>

            <td><?=$user->id?></td>
```

```php
        <td><?=$user->username?></td>

        <td><?=$user->email?></td>

        <td><img src = "<?=$user->profile?>"/></td>

        <td><?=$user->name?></td>

        <td>

            <button><a data-id = "<?=$user->id?>" class = "deleteU"  name =
"deleteU" href = "" >DELETE USER</a></button>

            <button><a data-id = "<?=$user->id?>" class = "updateU" name =
"update" href = "#" >UPDATE USER</a></button>

        </td>

      </tr>

    <?php endforeach;?>

    </tbody>

    </table>

    </div>

  </div>

</div>
```

Views/pages/home.php

```php
<h1>Featured Products</h1>
<ul id = "featured">
  <?php

  $meni = getFeatured();
  foreach($meni as $item):
```

```php
        ?>

        <li><img class ="slider" src = "<?=$item->original?>"/><p><b><?=$item-
>name?></b></p></li>

        <?php endforeach; ?>

</ul>

<button class = "shopNow"><a href = "index.php?page=products">SHOP
NOW</a></button><hr>
```

Views/pages/products.php

```php
<?php

if(isset($_GET["id"])):

$product = getOneProduct($_GET["id"]);

?>


<div class = "oneProduct">

   <img class = "productImg" src = "<?= $product->original?>"/>

   <p class = "name"><?=$product->name?></p>

   <p class = "description"><?=$product->description?></p>

   <p class = "price">$<?=$product->price?></p>

</div>
<?php else:?>

   <div class ="filter-sort">

      <div class="filter-categories">

         <select id = "filter" class = "select-css">

            <option value="0">Filter By Category</option>

            <?php
```

```php
        $categories = getAllCategories();

        foreach($categories as $category):

        ?>

        <option value = "<?=$category->id?>"><?=$category->name?></option>

        <?php endforeach;?>

      </select>

    </div>

    <div class="sort-price">

      <select id="sortPrice" class = "select-css">

        <option value="0">Sort By Price</option>

        <option value="1">Ascending</option>

        <option value="2">Descending</option>

      </select>

    </div>

    <div class="sort-name">

        <input type = "text" id = "sortName" placeholder = "Search product" class =
"select-css-name" />

    </div>

  </div>

  <hr>

  <ul id = "products">

  <?php

  $limit = 0;

  $products = getAllProducts($limit);

  foreach($products as $product):

  ?>
```

```php
<li>
    <div class = product>
        <a href = "index.php?page=products&id=<?=$product->id?>"><img src = "<?= $product->original?>"/></a>
        <p class="name"><?= $product->name?></p><hr>
        <p class ="price">$<?= $product->price?></p>
        <input class = "id" type ="hidden" value = "<?=$product->id?>">
        <input class = "idC" type ="hidden" value = "<?=$product->Category_ID?>">
        <input type = "button" value = "Add to cart"/>
    </div>
</li>
<?php endforeach;?>
</ul>
<?php endif;?>
<div class = "pages">
    <?php
    $numOfPages = getPaginationNum();
    for($i = 0;$i<$numOfPages;$i++):
        if($i == 0):
    ?>
        <a href ="#" class = "page active"  data-limit = "<?=$i?>"><?=$i + 1?></a>
        <?php else:?>

        <a href = "#" class = "page"  data-limit = "<?=$i?>"><?=$i+1?></a>
        <?php endif; endfor;?>
        <button><a class = "next" href = "#">NEXT</a></button>
```

```
    </div>
```

Views/pages/profilePicture.php

```php
<?php
$user = getOne($_SESSION["account"]->id);


$userPictures = getPictures($_SESSION["account"]->id);


?>
<div id="article">
    <div id = "message">
    <p><?=@ $_GET["message"];?></p>
    </div>
    <p class = "pText">CURRENT PROFILE PICTURE</P>
    <img src = "<?=$user->profile?>"/>
    <hr>
    <p class = "pText">CHOSE NEW PROFILE PICTURE</p>
    <?php  foreach($userPictures as $picture):?>
    <a  href = "models/user/updateUser.php?idUser=<?=$_SESSION["account"]->id?>&idPicture=<?=$picture->id?>"><img  class = "profilePicture" src = "<?=$picture->profile?>"/></a>
<?php endforeach;?>


</div>
```

```php
<?php

$user = getOne($_SESSION["account"]->id);

?>

<div id="article">

    <div id = "message">

    <p><?=@ $_GET["message"];?></p>

    </div>

    <a href="index.php?page=profilePicture"><img src = "<?=$user->profile?>" id =
"profilePic"/></a>

    <div class ="userInfo">Account Information<hr>


        <p>Username:<b><?=$user->username?></b><a class= "editLink" id =
"editUsername" href = "#">Edit</a></p>

        <p>Email:<b><?=$user->email?></b><a class ="editLink" id = "editEmail" href =
"#">Edit</a></p>

        <button><a id = "editPass" href = "#">Change Password</a></button>

        <button><a id = "uploadImage" href = "#">Upload Image</a></button>

        <form class = "editForme" id = "formPass" action = "models/user/updateUser.php"
method = "post">

            <input type = "password" name = "editPass" placeholder = "New Password"/>

            <input type = "password" name = "editPass2" placeholder = "Repeat new
Password"/>

            <input type = "submit" name ="sendPassword"/>

        </form>
```

```html
        </div>

    </div>

    <div id="sidebar2">

        <form class = "editForme" id = "formUsername" action =
    "models/user/updateUser.php" method = "post">

            <input type = "text" name = "editUsername" placeholder = "New Username"/>

            <input type = "submit" name ="sendUsername"/>

        </form></br>

        <form class = "editForme" id = "formEmail" action = "models/user/updateUser.php"
    method = "post">

            <input type = "text" name = "editEmail" placeholder = "New Email"/>

            <input type = "submit" name ="sendEmail"/>

        </form>

        <form action = "models/user/updateUser.php" method = "post" class = "editForme"
    id = "formPicture" enctype="multipart/form-data">

            <p class ="pText">UPLOAD IMAGE TO PROFILE</p>

            <input type = "file" name = "file"/>

            <input type = "submit" name = "sendPicture"  value ="Upload Picture" />

        </form>


    </div>
```

models/attendances /functions.php


```php
<?php
```

```php
function pageAttendencePercent(){
    $array =
["home"=>"","about"=>"","products"=>"","register"=>"","admin"=>"","user"=>"","profil
ePicture"=>""];

    $sum = 0;

    $home = 0;

    $about = 0;

    $products = 0;

    $admin = 0;

    $profilePicture = 0;

    $user = 0;

    $register = 0;


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

    $file = file(VISITLOG);

    if(count($file)):

        foreach($file as $row):

            $pieces = explode("\t",$row);

            $url = explode(".php",$pieces[0]);

            $page = explode("&",@ $url[1]);



            if($pieces[1] >= $oneDayAgo):

                switch($page[0]):

                    case "":$home++;$sum++;break;

                    case "?page=home":$home++;$sum++;break;
```

```php
            case "?page=about":$about++;$sum++;break;

            case "?page=products":$products++;$sum++;break;

            case "?page=admin":$admin++;$sum++;break;

            case "?page=user":$user++;$sum++;break;

            case "?page=profilePicture":$profilePicture++;$sum++;break;

            case "?page=register":$register++;$sum++;break;

            default:$home++;$sum++;break;

        endswitch;

    endif;

  endforeach;

  if($sum>0):

    $array ["home"] = round($home*100/$sum,2);

    $array ["about"] = round($about*100/$sum,2);

    $array ["products"] = round($products*100/$sum,2);

    $array ["admin"] = round($admin*100/$sum,2);

    $array ["user"] = round($user*100/$sum,2);

    $array ["profilePicture"] = round($profilePicture*100/$sum,2);

    $array ["register"] = round($register*100/$sum,2);

  endif;

endif;


return $array;



}
```

```php
?>
```

models/categories /functionsCategories.php

```php
<?php
function getAllCategories(){

    return executeQuery("select * from categories");

}


?>
```

models/login/login.php

```php
<?php
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;
if(isset($_POST["send"])):

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

    include "../../phpmailer/vendor/autoload.php";

    session_start();


    $username = $_POST["username"];

    $password = md5($_POST["password"]);

    try{

        $upit = "SELECT * FROM users

        WHERE username = ? AND password = ?";

        $prepared = $conn->prepare($upit);
```

```php
        $prepared->execute([$username,$password]);

        $user = $prepared->fetch();

    }

    catch(Exception $e){

        $error = $e->getMessage();

        logUserError("database",$error);

        header("location:../../index.php?error=".$error);

    }

    if($user):

        $_SESSION["account"] = $user;

        header("location:../../index.php");

    else:

        $query = "SELECT * FROM users where username = ?";

        $prep= $conn->prepare($query);

        $prep->execute([$username]);

        $found = $prep->fetch();

        if($found){

            try{

            $mail = new PHPMailer(TRUE);

            $mail->setFrom("gadget.shop.advanced@gmail.com","Admin");

            $mail->addAddress($found->email,"User");

            $mail->Subject = "Incorrect login";

            $mail->Body = "Failed to login to gadget shop advanced,incorrect password";


            $mail->isSMTP();

            $mail->Host = "smtp.gmail.com";
```

```php
        $mail->Port = 465;

        $mail->SMTPAuth = true;

        $mail->Username = "gadget.shop.advanced@gmail.com";

        $mail->Password = "predragovic98";

        $mail->SMTPSecure = "ssl";

        if(!$mail->send()){

            $error = "username or password did not match";

            header("location:../../index.php?error=".$error.",".$mail->ErrorInfo);

        }

        }

        catch(Exception $e){

            $error = $e->getMessage();

            logUserError("mail",$error);

            header("location:../../index.php?error=".$error);

        }

    }


    $error = "username or password did not match";

    logUserError("login",$error);

    header("location:../../index.php?error=$error");

    endif;

else:

    http_response_code(400);

endif;


?>
```

models/login/logout.php

```php
<?php
session_start();
if(isset($_SESSION["account"])):



    $_SESSION["account"] = null;

    header("location:../../index.php");
endif;

?>
```

models/login/register.php

```php
<?php
if(isset($_POST["username"])):

    include "../user/functionsUser.php";

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

    header("content-type:application/json");


        $username = $_POST["username"];

    $email = $_POST["email"];

    $password = $_POST["password"];

    $Cpassword = $_POST["Cpassword"];


    $register = userRegister($username,$email,$password,$Cpassword);
```

```php
    if($register):

        echo json_encode($register);

        http_response_code(200);

    else:

        echo json_encode($register);

        http_response_code(422);

    endif;


else:

    http_response_code(400);

endif;

?>
```

models/menu/showMenu.php

```php
<?php

$meni = executeQuery("SELECT * FROM menu");


foreach($meni as $item):

if($item->class_name == "admin" || $item->class_name == "user"):

    if(!empty($_SESSION["account"])):

        if($_SESSION["account"]->Role_ID == 1 && $item->class_name == "admin"):



        ?>

        <li class = "<?=$item->class_name?>" ><a href = "<?=$item->path?>"><?=$item->name?></a></li>
```

```php
    <li class = "logoutli" >

        <a class ="logout" href = "models/login/logout.php">LOGOUT</a>

    </li>

     <?php

     elseif($_SESSION["account"]->Role_ID == 2 && $item->class_name == "user"):



     ?>

     <li class = "<?=$item->class_name?>" ><a href = "<?=$item-
>path?>"><?=$item->name?></a></li>

        <li class = "logoutli" >

            <a class ="logout" href = "models/login/logout.php">LOGOUT</a>

        </li>

         <?php endif; endif; else: ?>



    <li class ="<?=$item->class_name?>"><a href ="<?=$item->path ?>"><?=$item-
>name?></a></li>



     <?php endif; endforeach;?>
```

models/products/deleteProduct.php

```php
<?php
if(isset($_POST["id"])):
    header("content-type:application/json");
    include "functionsProducts.php";
    include "../../config/connection.php";
```

```php
    $message = deleteProduct($_POST["id"]);

    echo json_encode($message);
else:

    http_response_code(400);
endif;

?>
```

models/products/filterCategory.php

```php
<?php
if(isset($_POST["limit"])):

    header("content-type:application/json");

    include "functionsProducts.php";

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

    $id = $_POST["id"];

    $limit = $_POST["limit"];

    $value = $_POST["value"] != "" ? $_POST["value"] : null;

    if($id == 0):

        $filteredProducts = getAllProducts($limit);

        $pages = getPaginationNum();

        echo json_encode([

            "products"=>$filteredProducts,

            "pages"=>$pages

            ]);

        http_response_code(200);
```

```php
    else:

        $filteredProducts = filterProducts($id,$value,$limit);

        $pages = countProducts($id,$value);

        echo json_encode([

            "products" => $filteredProducts,

            "pages" => $pages

        ]);

        http_response_code(200);

    endif;


else:

    http_response_code(400);
endif;



?>
```

models/products/filterName.php

```php
<?php
if(isset($_POST["value"])):

    header("content-type:application/json");

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

    include "functionsProducts.php";

    $value = $_POST["value"] != "" ? $_POST["value"] : null;

    $id = $_POST["id"] > 0 ? $_POST["id"] : null;
```

```php
    $limit = $_POST["limit"];


    $products = filterProducts($id,$value,$limit);

        $pages = countProducts($id,$value);

        echo json_encode([

            "products" => $products,

            "pages" =>$pages

            ]);

        http_response_code(200);
else:

    http_response_code(400);
endif;



?>
```

models/products/functionsProducts.php

```php
<?php
DEFINE("PRODUCT_OFFSET",3);

function getFeatured(){

    $products = getAllProducts();

    $num = count($products);

    $random = rand(0,$num-3);

    return executeQuery("SELECT  * FROM products pr inner join pictures pic on
pr.picture_id = pic.id LIMIT $random,3");

}

function getAllProducts($limit = -1){
```

```php
    if($limit < 0):

        return executeQuery("SELECT  *,pr.id FROM products pr inner join pictures pic on pr.picture_id = pic.id");

    else:

        global $conn;

        try{

        $query = "SELECT  *,pr.id FROM products pr inner join pictures pic on pr.picture_id = pic.id LIMIT :limit,:offset";

        $prep = $conn->prepare($query);

        $limit = (int)$limit * PRODUCT_OFFSET;

        $offset = PRODUCT_OFFSET;

        $prep->bindParam(":limit",$limit,PDO::PARAM_INT);

        $prep->bindParam(":offset",$offset,PDO::PARAM_INT);

        $prep->execute();

        $products = $prep->fetchAll();

        return $products;

        }

        catch(Exception $e){

            return $e->getMessage();

        }

    endif;

}
function getNumOfProducts(){

    return executeQueryOneRow("SELECT COUNT(*) as numOfProducts FROM products");

}
function getPaginationNum(){
```

```php
    $numOfProducts = getNumOfProducts();

    $paginationNum = $numOfProducts->numOfProducts;

    return ceil($paginationNum / PRODUCT_OFFSET);

}


function getOneProduct($id){

    global $conn;

    try{

        $query = "SELECT *,pr.id FROM products pr  INNER JOIN pictures pic on
pr.picture_id = pic.id WHERE pr.id = ?";

        $prep = $conn->prepare($query);

        $prep->execute([$id]);

        $product = $prep->fetch();

        return $product;

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}

function countProducts($id=null,$value=null){

    global $conn;

    $offset = PRODUCT_OFFSET;


    if($id != null && $value == null ):

    try{
```

```php
        $prep = $conn->prepare("SELECT COUNT(*) as numOfProducts FROM products pr
inner join pictures pic on pr.picture_id = pic.id where pr.Category_ID = ?");

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

        $prep->execute();

        $numOfProducts = $prep->fetch();

        $pagination = $numOfProducts->numOfProducts;

        return ceil($pagination / $offset);


    }
    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }
    elseif($id == null && $value != null):

        try{


        $prep = $conn->prepare("SELECT COUNT(*) as numOfProducts FROM products
pr inner join pictures pic on pr.picture_id = pic.id where name like ?");

        $prep->bindValue(1,"%$value%");

        $prep->execute();

        $numOfProducts = $prep->fetch();

        $pagination = $numOfProducts->numOfProducts;

        return ceil($pagination / $offset);


    }
    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();
```

```php
        }
    elseif($id == null && $value == null):

        try{

            $prep = $conn->prepare("SELECT COUNT(*) as numOfProducts FROM products
pr inner join pictures pic on pr.picture_id = pic.id");

            $prep->execute();

            $numOfProducts = $prep->fetch();

            $pagination = $numOfProducts->numOfProducts;

            return ceil($pagination / $offset);


        }

        catch(Exception $e){

            return "There was a problem with the database:".$e->getMessage();

        }

    else:

        try{

            $prep = $conn->prepare("SELECT COUNT(*) as numOfProducts FROM products
pr inner join pictures pic on pr.picture_id = pic.id where pr.Category_ID = ? AND name
LIKE ?");

            $prep->bindValue(1,"%$value%");

            $prep->bindValue(2,$id);

            $prep->execute();

            $numOfProducts = $prep->fetch();

            $pagination = $numOfProducts->numOfProducts;

            return ceil($pagination / $offset);

        }

        catch(Exception $e){
```

```php
            return $e->getMessage();

        }

    endif;

}



function filterProducts($id = null ,$value = null,$limit){

    global $conn;

    $limit = (int)$limit * PRODUCT_OFFSET;

    $offset = PRODUCT_OFFSET;


    if($id != null && $value == null):

        try{

            global $conn;

            $prep = $conn->prepare("SELECT  *,pr.id FROM products pr inner join pictures
pic on pr.picture_id = pic.id where pr.Category_ID = ? LIMIT ?,?");


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

            $prep->bindValue(2,$limit,PDO::PARAM_INT);

            $prep->bindValue(3,$offset,PDO::PARAM_INT);

            $prep->execute();

            return $prep->fetchAll();

        }

        catch(Exception $e){

            return "There was a problem with the database:".$e->getMessage();

        }
```

```php
    elseif($id == null && $value != null):

        try{

        $prep = $conn->prepare("SELECT  *,pr.id FROM products pr inner join pictures pic
on pr.picture_id = pic.id where name like ? limit ?,?");

        $prep->bindValue(1,"%".$value."%");

        $prep->bindValue(2,$limit,PDO::PARAM_INT);

        $prep->bindValue(3,$offset,PDO::PARAM_INT);

        $prep->execute();

        return $prep->fetchAll();

        }

        catch(Exception $e){

            return $e->getMessage();

        }
    elseif($id == null && $value == null):


        return getAllProducts($limit);


    else:

        try{

        $query = "SELECT  *,pr.id FROM products pr inner join pictures pic on
pr.picture_id = pic.id where pr.Category_ID = ? AND name like ? LIMIT ?,?";

        $prep = $conn->prepare($query);

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

        $prep->bindValue(2,"%".$value."%");

        $prep->bindValue(3,$limit,PDO::PARAM_INT);

        $prep->bindValue(4,$offset,PDO::PARAM_INT);
```

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

        return $prep->fetchAll();

        }

        catch(Exception $e){

            return $e->getMessage();

        }

    endif;

}




function sortPrice($value,$ids){

    try{

        global $conn;

        if($ids != null):

            $query = "SELECT  *,pr.id FROM products pr inner join pictures pic on
pr.picture_id = pic.id where (pr.id = ?";

            if(count($ids) == 1)

                $query.=")";

            for($i = 1;$i<count($ids);$i++):

                if($i+1 == count($ids)):

                    $query.="OR pr.id = ?)";

                else:

                    $query .= " OR pr.id = ?";

                endif;

            endfor;

            if($value == 1)
```

```php
        $query.= " ORDER BY price ASC";

    else

    $query.= " ORDER BY price DESC";

    $prep = $conn->prepare($query);

    for($i = 0; $i<count($ids);$i++):

        $prep->bindValue($i+1,$ids[$i]);

    endfor;

    $prep->execute();

    return $prep->fetchAll();

    else:

    if($value == 1)

        return executeQuery("SELECT  *,pr.id FROM products pr inner join pictures pic
on pr.picture_id = pic.id ORDER BY price ASC");

        else

    return executeQuery("SELECT  *,pr.id FROM products pr inner join pictures pic on
pr.picture_id = pic.id ORDER BY price DESC");

    endif;

    }

    catch(Exception $e){

    return "There was a problem with the database:".$e->getMessage();

    }

}


function deleteProduct($id){

    try{
```

```php
        global $conn;

        $query = "delete from products where id = ?";

        $prepare = $conn->prepare($query);

        $prepare->execute([$id]);

        return "Successfully deleted product";

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }




}
function updateName($name,$id){

    global $conn;

    try{

    $query = "update products set name = ? where id = ?";

    $prep = $conn->prepare($query);

    $prep->execute([$name,$id]);

    return "Successfully updated name";

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}
function updateDescription($description,$id){

    global $conn;
```

```php
    try{

    $query = "update products set description = ? where id = ?";

    $prep = $conn->prepare($query);

    $prep->execute([$description,$id]);

    return "Successfully updated description";

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}

function updatePrice($price,$id){

    global $conn;

    try{

    $query = "update products set price = ? where id = ?";

    $prep = $conn->prepare($query);

    $prep->execute([$price,$id]);

    return "Successfully updated price";

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}

function updateCategory($categoryId,$id){

    global $conn;

    try{

    $query = "update products set Category_ID = ? where id = ?";
```

```php
    $prep = $conn->prepare($query);

    $prep->execute([$categoryId,$id]);

    return "Successfully updated category";

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}

function updatePicture($file,$id){

    $lastId = uploadPictureProduct($file);

    if($lastId > 0):

        try{

            global $conn;

            $queryUpdate = "update products set picture_id = ? where id = ?";

            $prepareUpdate = $conn->prepare($queryUpdate);

            $prepareUpdate->execute([$lastId,$id]);

            var_dump($prepareUpdate);

            return "Successfully updated picture";

        }

        catch(Exception $e){

            return "There was a problem with the database:".$e->getMessage();

            }

    else:

        return "Picture could not be uploaded";

    endif;

}
```

```php
function uploadPictureProduct($file){
    $tmpPath = $file["tmp_name"];
    $type = $file["type"];

    if($type != "image/jpeg" && $type != "image/png")
        return $message = "File must be jpg or png";
    if($file["size"] > 10*1024*1024)
        return $message = "File is too big,Max 10MB";

        $fileName = $file["name"];
        global $conn;
        try{
        $insertPic = "insert into pictures values(null,null,null,?)";
        $prep = $conn->prepare($insertPic);
        $prep->execute([$fileName]);

        $lastId = $conn->lastInsertId();
            $namePieces = explode(".",$fileName);
            $extension = end($namePieces);
            $originalName = $lastId . "." . $extension;

            $uploadDir = "/assets/images/product_images/";

            $uploadOriginal = $uploadDir.$originalName;
            if(move_uploaded_file($tmpPath,BASE_URL.$uploadOriginal)):
                $query = "update pictures set original = ? where id = ?";
```

```php
            $prepare = $conn->prepare($query);

            $prepare->execute([$uploadOriginal,$lastId]);

            return $lastId;

        else:

            return 0;

        endif;

    }

    catch(Exception $e){

        return "There was a poblem with the database:".$e->getMessage();

    }

}


function updateProduct($name,$description,$price,$categoryId,$picture,$productId){


    $message =
["name"=>"","description"=>"","price"=>"","category"=>"","picture"=>""];
    if(!empty($name))

        $message ["name"] = updateName($name,$productId);
    if(!empty($description))

        $message ["description"] = updateDescription($description,$productId);
    if(!empty($price))

        $message ["price"] = updatePrice($price,$productId);
    if(!empty($categoryId))

        $message ["category"] = updateCategory($categoryId,$productId);
    if(!empty($picture["name"]))

        $message ["picture"] = updatePicture($picture,$productId);
```

```php
        return $message;


}


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


    $excel->Visible = 1;
    $excel->DisplayAlerts = 1;
    $workbook = $excel->Workbooks-
>Open("http://gadgetshopadvanced.000webhostapp.com/data/export/products.xls") or
die("did not open");
    $worksheet = $workbook->WorkSheets("products");
    $worksheet->activate;


    $products = getAllProducts();
    $cellA = $worksheet->range("A1");
    $cellA->activate;
    $cellA->value = "Product ID";
    $cellB = $worksheet->range("B1");
    $cellB->activate;
    $cellB->value = "Product Name";
    $cellC = $worksheet->range("C1");
    $cellC->activate;
    $cellC->value = "Product Description";
    $cellD = $worksheet->range("D1");
```

```php
$cellD->activate;

$cellD->value = "Product Price";


$br = 2;

foreach($products as $product):

    $cell = $worksheet->range("A$br");

    $cell->activate;

    $cell->value = $product->id;


    $cell = $worksheet->range("B$br");

    $cell->activate;

    $cell->value = $product->name;


    $cell = $worksheet->range("C$br");

    $cell->activate;

    $cell->value = $product->description;


    $cell = $worksheet->range("D$br");

    $cell->activate;

    $cell->value = $product->price;


    $br++;


endforeach;
```

```php
    $workbook-
>_SaveAs("http://gadgetshopadvanced.000webhostapp.com/data/export/products.xls",-
4143);

    $workbook->Save();


    $workbook->Save = true;

    $workbook->Close;


    $excel->Workbooks->Close();

    $excel->Quit();


    unset($worksheet);

    unset($workbook);

    unset($excel);
}



?>
```

models/products/getAllExcel.php

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


exportExcel();
header("location:../../index.php");
```

?>

models/products/getProducts.php

```php
<?php
include "../../config/connection.php";
include "functionsProducts.php";
header("content-type:application/json");

if(isset($_POST["limit"])):
    $limit = $_POST["limit"];
    $products = getAllProducts($limit);
    $pages = getPaginationNum();
    echo json_encode([
        "products"=>$products,
        "pages"=>$pages
    ]);
    http_response_code(200);
else:
    $products = getAllProducts();
    echo json_encode($products);
    http_response_code(200);
endif;
?>
```

models/products/insertProduct.php

```php
<?php
if(isset($_POST["send"])):

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

    include "../../models/categories/functionsCategories.php";

    include "functionsProducts.php";



    $name = $_POST["productName"];

    $description = $_POST["productDesc"];

    $price = $_POST["productPrice"];

    $categoryId = $_POST["productCat"];

    $file = $_FILES["productPicture"];


    $message = [];



    $found = false;

    $categories = getAllCategories();

    foreach($categories as $category):

        if($category->id == $categoryId)

            $found = true;

    endforeach;

    if(!$found):

        $message[0] = "Category id must be either:";

        foreach($categories as $category):

            $message[0] .= $category->id.",";
```

```php
    endforeach;
endif;
if($name == "")
    $message [] = " name must be filled.";
if($description == "")
    $message [] = " description must be filled.";
if($price == "")
    $message [] = " price must be filled.";
if($file["name"] == "")
    $message [] = " please upload product picture.";
if(count($message) > 0):
    $message = implode(" ",$message);
    logUserError("CategoryID",$message);
    header("location:../../index.php?page=admin&message=$message");
else:
    $lastInserted = uploadPictureProduct($file);
    if($lastInserted > 0):
        try{
            $query = "insert into products values(null,?,?,?,?,?)";
            $prepared = $conn->prepare($query);
            $prepared->execute([$name,$description,$price,$categoryId,$lastInserted]);


            $message = "successfully added new product";
            header("location:../../index.php?page=admin&message=".$message);
        }
        catch(Exception $e){
```

```php
            $message = $e->getMessage();

            logUserError("databese",$message);

            header("location:../../index.php?page=admin&message=".$message);


        }


    else:

        $message = "error in uploading file";

        logUserError("file",$message);

        header("location:../../index.php?page=admin&message=".$message);
    endif;
    endif;


else:

    http_response_code(400);
endif;
?>
```

models/products/sortPrice.php

```php
<?php
if(isset($_POST["value"])):

    header("content-type:application/json");

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

    include "functionsProducts.php";

    $value = $_POST["value"];
```

```php
    if(isset($_POST["ids"]))

        $ids = $_POST["ids"];

    else

        $ids = null;

    $products = sortPrice($value,$ids);

    echo json_encode($products);

    http_response_code(200);


else:

    http_response_code(400);
endif;



?>
```

models/products/updateProduct.php

```php
<?php
if(isset($_POST["sendU"])):

    include "functionsProducts.php";

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

    $message =
updateProduct($_POST["name"],$_POST["description"],$_POST["price"],$_POST["category"],$_FILES["file"],$_POST["idProduct"]);

    $message = implode(" ",$message);

    header("location:../../index.php?page=admin&message=".$message);
```

```php
else:

    http_response_code(400);
endif;


?>
```

models/user/deleteUser.php

```php
<?php
if(isset($_POST["id"])):

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

    header("content-type:application/json");

    $id = $_POST["id"];

    try{

      $query = "delete from user_pictures where id_user = ?";

      $prep = $conn->prepare($query);

      $prep->execute([$id]);

      $query2 = "delete from users where id = ?";

      $prep2 = $conn->prepare($query2);

      $prep2->execute([$id]);

    http_response_code(204);

    }

    catch(PDOException $e){

      echo json_encode(["error"=>"There was a problem with the database:".$e->getMessage()]);

      http_response_code(500);
```

```php
    }
else:
    http_response_code(400);
endif;


?>
```

models/user/functionsUser.php

```php
<?php

function getOne($id){
    global $conn;
    try{
        $query = "SELECT *,u.id FROM users u  INNER JOIN pictures p on u.id_profile_pic =
p.id WHERE u.id = ?";
        $prep = $conn->prepare($query);
        $prep->execute([$id]);
        $user = $prep->fetch();
        return $user;
    }
    catch(Exception $e){
        return "There was a problem with the database:".$e->getMessage();
    }
}
function getAllUsers(){
```

```php
    return executeQuery("select *,u.id from users u inner join pictures p on u.id_profile_pic
= p.id inner join roles r on r.id = u.Role_id");
}
function getPictures($id){

    global $conn;

    try{

        $query = "SELECT * FROM pictures p  INNER JOIN user_pictures up on p.id =
up.id_picture WHERE up.id_user = ?";

        $prep = $conn->prepare($query);

        $prep->execute([$id]);

        $user = $prep->fetchAll();

        return $user;

    }

    catch(Exception $e){

        return "There was a problem with the database:".$e->getMessage();

    }

}


function updateProfilePicture($idUser,$idPicture){

    global $conn;try{

        $query = "update users set id_profile_pic = ? where id = ?";

        $prep = $conn->prepare($query);

        $prep->execute([$idPicture,$idUser]);

        return $message = "Profile picture changed successfully";

    }

    catch(Exception $e){
```

```php
            return "There was a problem with the database:".$e->getMessage();

        }

    }

    function uploadPictureUser($file,$userId,$isProfile = false){

        $tmpPath = $file["tmp_name"];

        $type = $file["type"];

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

        $newDimensions = 300;


        if($width < $newDimensions || $height <$newDimensions)

            return $message = "Picture cant be smaller than 300x300";

        if($type != "image/jpeg" && $type != "image/png")

            return $message = "File must be jpg or png";

        if($file["size"] > 10*1024*1024)

            return $message = "File is too big,Max 10MB";


            $fileName = $file["name"];

            global $conn;

            try{

            $insertPic = "insert into pictures values(null,null,null,?)";

            $prep = $conn->prepare($insertPic);

            $prep->execute([$fileName]);


            $lastId = $conn->lastInsertId();

            $namePieces = explode(".",$fileName);

            $extension = end($namePieces);
```

```php
$originalName = $lastId . "." . $extension;

$uploadDir = "/assets/images/user_images/";

switch($type):
    case "image/jpeg":
        $emptyImage = imagecreatefromjpeg($tmpPath);
    break;
    case "image/png":
        $emptyImage = imagecreatefrompng($tmpPath);
    break;
endswitch;
$newImage = imagecreatetruecolor($newDimensions,$newDimensions);

imagecopyresampled($newImage,$emptyImage,0,0,0,0,$newDimensions,$newDimensions,$width,$height);

$uploadProfile = $uploadDir.$lastId."_profile.".$extension;
switch($type):
    case "image/jpeg":
        $newImage = imagejpeg($newImage,BASE_URL.$uploadProfile);
    break;
    case "image/png":
        $newImage = imagepng($newImage,BASE_URL.$uploadProfile);
    break;
endswitch;
```

```php
$uploadOriginal = $uploadDir.$originalName;
if(move_uploaded_file($tmpPath,BASE_URL.$uploadOriginal)):

    $query = "update pictures set original = ?,profile=? where id = ?";

    $prepare = $conn->prepare($query);

    $prepare->execute([$uploadOriginal,$uploadProfile,$lastId]);


    $updateUserPic = "insert into user_pictures values(null,?,?)";

    $result = $conn->prepare($updateUserPic);

    $result->execute([$userId,$lastId]);


    if($isProfile):

        $updateProfilePic = "update users set id_profile_pic = ? where id = ?";

        $prepPic = $conn->prepare($updateProfilePic);

        $prepPic->execute([$lastId,$userId]);

    else:

        return "image successfully uploaded";

    endif;

else:

    return "Image could not be uploaded";

endif;

    }

catch(Exception $e){

    return "There was a problem with the database:".$e->getMessage();

}

}
```

```php
function adminUpdate($username,$email,$password,$confirmPass,$role,$id,$file){

    $message = ["username"=>"","email"=>"","password"=>"","role"=>"","picture"=>""];
    if(!empty($username))
        $message ["username"] = updateUsername($username,$id);
    if(!empty($email))
        $message ["email"] = updateEmail($email,$id);
    if(!empty($password) && !empty($confirmPass))
        $message ["password"] = updatePassword($password,$confirmPass,$id);
    if(!empty($role))
        $message ["role"] = updateRole($role,$id);
    if($file["name"] != "")
        $message ["picture"] = uploadPictureUser($file,$id,true);
    return $message;

}
function updateRole($role,$id){
    global $conn;
    try{
        $query = "update users set Role_ID = ? where id = ?";
        $prep = $conn->prepare($query);
        $prep->execute([$role,$id]);
        return $message = "Role successfully updated";
    }
    catch(Exception $e){
        return "There was a problem with the database:".$e->getMessage();
```

```php
    }
}

function updateUsername($username,$id){
    global $conn;

    $regUser = "/^([A-z]\s*){2,15}/";
    $message;
    if(preg_match($regUser,$username)):
        try{
            $query = "UPDATE users set username = ? where id = ?";
            $prepare = $conn->prepare($query);
            $prepare->execute([$username,$id]);
            return $message = "Username successfully updated";
        }
        catch(Exception $e){
            return "There was a problem with the database:".$e->getMessage();
        }
    else:
        return $message = "Username must start with a letter,Min length 2,Max 15";
    endif;
}

function updateEmail($email,$id){
    global $conn;
```

```php
    $regEmail = "/^[a-zA-Z0-9.!#$%&'*+\/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$/";

    $message;

    if(preg_match($regEmail,$email)):

        try{

            $query = "UPDATE users set email = ? where id = ?";

            $prepare = $conn->prepare($query);

            $prepare->execute([$email,$id]);

            return $message = "Email successfully updated";

        }

        catch(Exception $e){

            return "There was a problem with the database:".$e->getMessage();

        }

    else:

        return $message = "Email is not in good format";

    endif;

}


function updatePassword($noviPass,$noviPass2,$id){

    global $conn;


    $greskaPass = "";

    $regPass = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,15}$/";


    $query = "select password from users where id = ?";
```

```php
$prepare = $conn->prepare($query);

$prepare->execute([$id]);

$currentPassword = $prepare->fetch();


$newPasswordHash = md5($noviPass);


if(!preg_match($regPass,$noviPass))

    $greskaPass = "Password must have at least 1 uppercase, 1 lovercase letter,1
number and 1 special character,MIN length 8,MAX 15";

if($noviPass != $noviPass2)

    $greskaPass = "Passwords do not match";

if($currentPassword == $newPasswordHash)

  $greskaPass = "New password cant be the same as old password";


if($greskaPass == ""):

  try{

    $priprema = $conn->prepare("UPDATE users SET password = ? WHERE id = ?");

    $priprema->execute([$newPasswordHash,$id]);

    return $greskaPass = "Password successfully updated";

  }

  catch(Exception $e){

    return "There was a problem with the database:".$e->getMessage();

  }

else:

  return $greskaPass;

endif;
```

```php
}



function userRegister($username,$email,$password,$confirmPass,$role = 2,$picture =
null){

    global $conn;

    $regUser = "/^([A-z]\s*){2,15}/";

        $regEmail = "/^[a-zA-Z0-9.!#$%&'*+\/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-
]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$/";

    $regPass = "/^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-
z\d@$!%*?&]{8,15}$/";


    $greske = [];


    if(!preg_match($regUser,$username))

        $greske[] = "Username must beggin with a letter,MIN 2,MAX 15 characters.";

    if(!preg_match($regEmail,$email))

        $greske[] = "Email is not in good format.";

    if(!preg_match($regPass,$password))

        $greske[] = "Password must have at least 1 uppercase, 1 lovercase letter,1 number
and 1 special character,MIN length 8,MAX 15 characters.";

    if($password != $confirmPass)

        $greske[] = "password does not match.";

    if($role == null)

        $greske [] = "Please select a role.";

    if($picture["name"] == "")

        $picture = null;
```

```php
        if(count($greske) == 0):

            try{

                    $password = md5($password);

                    $upitInsert = "INSERT INTO
users(username,email,password,Role_ID,id_profile_pic)

                    VALUES(?,?,?,?,?)";

                    $priprema = $conn->prepare($upitInsert);

            $rezultat = $priprema->execute([$username,$email,$password,$role,26]);

                if($picture == null):

                    return true;

                else:

                    $lastInserted = $conn->lastInsertId();

                    return uploadPictureUser($picture,$lastInserted,true);

                endif;

            }

            catch(Exception $e){

                return "There was a problem with the database:".$e->getMessage();

            }

        else:


            return $greske;

        endif;

}

function exportWord(){
```

```php
    $word = new COM("Word.Application");

    $word->Visible = 1;

    $word->Documents->Add();

    $word->Selection->TypeText(`
    Full Name:Aleksa Predragović
    Index Number:289/18
    I was born in Belgrade on the 14th of March 1998. I graduated electro-technical
high school "Nikola Tesla" profile: "Electro-Technician of Telecommunications".
    I'm currently studding on the ICT College of applied studies, profile: "Web
Programming",index number:289/18.
    My goal for this website is to show the functions of PHP`);
    $word->Documents[1]-
>SaveAs("http://gadgetshopadvanced.000webhostapp.com/data/export/aboutMe.doc");

    $word->Quit;

    unset($word);

}
?>
```

models/user/getMe.php

```php
<?php
```

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

include "functionsUser.php";


exportWord();

header("location:../../index.php");


?>
```

models/user/getUsers.php

```php
<?php

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

header("content-type:application/json");


$users = executeQuery("select *,u.id from users u inner join pictures p on u.id_profile_pic
= p.id inner join roles r on r.id = u.Role_id");

echo json_encode($users);

http_response_code(200);


?>
```

models/user/insertUser.php

```php
<?php

if(isset($_POST["send"])):
```

```php
include "functionsUser.php";

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

$username = $_POST["username"];

$email = $_POST["email"];

$password = $_POST["password"];

$confirmPass = $_POST["passwordC"];

if(isset($_POST["role"]))

    $roleID = $_POST["role"];

else

    $roleID = null;

$file = $_FILES["fileUser"];


$register = userRegister($username,$email,$password,$confirmPass,$roleID,$file);

if($register === true):

    $message = "successfully added new user";

    header("location:../../index.php?page=admin&message=".$message);

    endif;

        if(is_array($register)):

        $message = implode(" ",$register);

        header("location:../../index.php?page=admin&message=".$message);

    else:

        $message = $register;

        header("location:../../index.php?page=admin&message=".$message);

    endif;

else:

    http_response_code(400);
```

endif;

?>

models/user/updateUser.php

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

if(isset($_POST["sendUsername"])):

  $message = updateUsername($_POST["editUsername"],$_SESSION["account"]->id);
  header("location:../../index.php?page=user&message=".$message);

elseif(isset($_POST["sendEmail"])):

 $message =  updateEmail($_POST["editEmail"],$_SESSION["account"]->id);
  header("location:../../index.php?page=user&message=".$message);

elseif(isset($_POST["sendPassword"])):

  $message =
updatePassword($_POST["editPass"],$_POST["editPass2"],$_SESSION["account"]->id);
   header("location:../../index.php?page=user&message=".$message);
```

```php
elseif(isset($_POST["adminUpdate"])):


  $message =
adminUpdate($_POST["username"],$_POST["email"],$_POST["password"],$_POST["passw
ordC"],@ $_POST["role"],$_POST["idUser"],$_FILES["fileUser"]);

  $message = implode(" ",$message);

  header("location:../../index.php?page=admin&message=".$message);


elseif(isset($_POST["sendPicture"])):


  if(!empty($_FILES["file"]["name"])):

    $message = uploadPictureUser($_FILES["file"],$_SESSION["account"]->id);

  else:

    $message = "Please select an image";

  endif;

    header("location:../../index.php?page=user&message=".$message);


elseif(isset($_GET["idUser"]) && isset($_GET["idPicture"])):


  $message = updateProfilePicture($_GET["idUser"],$_GET["idPicture"]);

  header("location:../../index.php?page=user&message=".$message);


else:

  http_response_code(400);
endif;
```

?>

config/,env

SERVER=localhost

DATABASE=id9905572_gadgetshopadvanced

USERNAME=id9905572_gadgetshopadvanced

PASSWORD=predragovic98

config/config.php

```php
<?php
DEFINE("BASE_URL",$_SERVER["DOCUMENT_ROOT"]);

DEFINE("ENV", BASE_URL."/config/.env");
DEFINE("VISITLOG", BASE_URL."/data/logs/visitLog.txt");
DEFINE("ERRORLOG", BASE_URL."/data/logs/errorLog.txt");

DEFINE("SERVER",env("SERVER"));
DEFINE("DATABASE",env("DATABASE"));
DEFINE("USERNAME",env("USERNAME"));
DEFINE("PASSWORD",env("PASSWORD"));

function env($name){
    $file = file(ENV);
    foreach($file as $element){
        $row = explode("=",trim($element));
        if($row[0] == $name)
```

```php
        return $row[1];

    }

}


?>
```

config/connection.php

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


logSiteVisit();


try{

$conn = new PDO("mysql:host=".SERVER.";dbname=".DATABASE.";characterset=utf-8",USERNAME,PASSWORD);

$conn->setAttribute(PDO::ATTR_DEFAULT_FETCH_MODE,PDO::FETCH_OBJ);

$conn->setAttribute(PDO::ATTR_ERRMODE,PDO::ERRMODE_EXCEPTION);

}

catch(Exception $e){

    echo $e->getMessage();

}

function executeQuery($query){

    global $conn;

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

}
```

```php
function executeQueryOneRow($query){

    global $conn;

    return $conn->query($query)->fetch();

}


function logSiteVisit(){

    $open = fopen(VISITLOG, "a");

    if($open){

        fwrite($open,
"{$_SERVER['REQUEST_URI']}\t{$_SERVER['REQUEST_TIME']}\t{$_SERVER['REMOTE_ADDR'
]}\n");

        fclose($open);

    }

}
function logUserError($error,$message){

    $open = fopen(ERRORLOG, "a");

    if($open){

        fwrite($open,"$error:\t$message\n");

        fclose($open);

    }



}


?>
```

assets/js/index.js

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


    //!REGISTER!
    $("#forma").submit(function(e){

        e.preventDefault();

        provera();

    })
    //!REGISTER!


    //--PRODUCTS--


    $(document).on("click",".page",function(e){

        e.preventDefault();

        let filter =$("#filter").prop("value")

        let limit = $(this).data("limit");

        let value = $("#sortName").val();

        if(value == "")

            value = null;

        console.log(filter)

        if(filter > 0)

            paginationAJAX(limit,"models/products/filterCategory.php",filter,value)

        else

            paginationAJAX(limit,"models/products/filterCategory.php",null,value)
```

```javascript
})
$(document).on("click",".prev",function(e){

    e.preventDefault()

    let limit = Number($(".page.active").data("limit")) - 1;

    let filter =$("#filter").prop("value")

    if(filter > 0)

        paginationAJAX(limit,"models/products/filterCategory.php",filter)

    else

        paginationAJAX(limit,"models/products/getProducts.php")

})
$(document).on("click",".next",function(e){

    e.preventDefault()

    let filter =$("#filter").prop("value")

    let limit = $(".page.active").data("limit") + 1;

    if(filter > 0)

        paginationAJAX(limit,"models/products/filterCategory.php",filter)

    else

        paginationAJAX(limit,"models/products/getProducts.php")

})


$("#filter").change(function(){

    let id = $(this).prop("value");

    let limit = 0

    paginationAJAX(limit,"models/products/filterCategory.php",id);

})
```

```javascript
$("#sortPrice").change(function(){

    let value = $(this).prop("value");

    let products = $(".product");

        let productIds = []

        for(let product of products){

                productIds.push(product.querySelector(".id").value)

        }

    $.ajax({

        url:"models/products/sortPrice.php",

        method:"post",

        type:"json",

        data:{value:value,ids:productIds},

        success : function(products){

            filterProducts(products)

        },

        error: showAJAXErrors

    })

})


$("#sortName").keyup(function(){

        let value = $(this).val()

        let productIds = $("#filter").prop("value");

        paginationAJAX(0,"models/products/filterName.php",productIds,value)

})
```

```javascript
//--PRODUCTS--


//!USERUPDATE!


$("#editUsername").click(function(e){

    e.preventDefault()

    $("#formUsername").toggle();

})

$("#editPass").click(function(e){

    e.preventDefault()

    $("#formPass").toggle();

})

$("#editEmail").click(function(e){

    e.preventDefault()

    $("#formEmail").toggle();

})

$("#uploadImage").click(function(e){

    e.preventDefault()

    $("#formPicture").toggle()

})


//--USEREDIT--


//--ADMIN PANEL--


$(document).on("click",".update",function(e){
```

```javascript
            e.preventDefault();

            $(".updateForma").css("display","inline-block")
    id = this.dataset.id;

  $("#idProduct").val(id)

  $('html, body').animate({

    scrollTop: $(".updateForma").offset().top
  }, 1000);

    })


    $(document).on("click",".updateU",function(e){

            e.preventDefault();

                    $(".updateFormaU").css("display","inline-block")
      id = this.dataset.id;

    $("#idUser").val(id)

    $('html, body').animate({

      scrollTop: $(".updateFormaU").offset().top
    }, 1000);


})


$(document).on("click",".delete",function(e){

    e.preventDefault();

    let id = $(this).data("id");

    $.ajax({

        url:"models/products/deleteProduct.php",

        method:"post",
```

```javascript
        type:"json",

        data:{id:id},

        success:function(){

            refreshProductsTable();

        },

        error:showAJAXErrors

    })

})


$(document).on("click",".deleteU",function(e){

    e.preventDefault();

    let id = $(this).data("id");

    $.ajax({

        url:"models/user/deleteUser.php",

        method:"post",

        type:"json",

        data:{id:id},

        success:function(){

            refreshUsersTable();

        },

        error:showAJAXErrors

    })

})


// --ADMIN PANEL--

})
```

```javascript
function paginationAJAX(limit,url,id = null,value = null){

    $.ajax({

        url:url,

        method:"post",

        type:"json",

        data:{id:id,limit:limit,value:value},

        success : function(data){

            console.log(data);

            filterProducts(data.products)

            printPagination(data.pages,limit)

        },

        error: showAJAXErrors

    })

}


function filterProducts(products){

    let html = ``

    for(let product of products){

        html += `<li>

            <div class = product>

            <a href = "index.php?page=products&id=${product.id}"><img src =
"${product.original}"/></a>

            <p class="name">${product.name}</p><hr>

            <p class ="price">$${product.price}</p>

            <input type = "hidden" value = "${product.id}" class = "id"/>

            <input type = "hidden" value = "${product.Category_ID}" class = "idC"/>
```

```javascript
                <input type = "button" value = "Add to cart"/>

            </div>

        </li>`

    }

    $("#products").html(html);

}

function printPagination(numberOfProducts,active){


    let html = ``
    if(active > 0)
        html += `<button><a class = "prev" href = "#">PREVIOUS</a></button>`
    for(let i = 1;i<numberOfProducts;i++){
        if(i == active)
            html +=`<a href = "#" class = "page active" data-limit = "${i}">${i+1}</a>`
        else
            html +=`<a href = "#" class = "page" data-limit = "${i}">${i+1}</a>`
    }
    if(active != numberOfProducts-1)
        html += `<button><a class = "next" href = "#">NEXT</a></button>`
    $(".pages").html(html);
}


function refreshProductsTable(){
    $.ajax({
        url:"models/products/getProducts.php",
        method:"get",
```

```javascript
            type:"json",

            success:function(products){

                fillProductsTable(products)

            },

            error:showAJAXErrors

    })

}


function refreshUsersTable(){

    $.ajax({

        url:"models/user/getUsers.php",

        method:"get",

        type:"json",

        success:function(users){

            fillUsersTable(users)

        },

        error:showAJAXErrors

    })

}


function fillProductsTable(products){

    let html = ``

    for(let product of products){

        html += `<tr>

            <td>${product.id}</td>

            <td>${product.name}</td>
```

```javascript
            <td>${product.description}</td>

            <td>${product.price}</td>

            <td><img src = "${product.original}"/></td>

            <td>${product.Category_ID}</td>

            <td>

                <button><a data-id = "${product.id}" class = "delete"  name = "deleteU"
href = "" >DELETE PRODUCT</a></button>

                <button><a data-id = "${product.id}" class = "update" name = "update"
href = "#" >UPDATE PRODUCT</a></button>

            </td>

        </tr>`

    }

    $("#products").html(html);


}


function fillUsersTable(users){

    let html = ``

            for(let user of users){

            html += `<tr>

            <td>${user.id}</td>

            <td>${user.username}</td>

            <td>${user.email}</td>

            <td><img src = "${user.profile}"/></td>

            <td>${user.name}</td>

            <td>
```

```
            <button><a data-id = "${user.id}" class = "deleteU"  name = "deleteU" href
= "" >DELETE USER</a></button>

            <button><a data-id = "${user.id}" class = "updateU" name = "update" href
= "#" >UPDATE USER</a></button>

        </td>

      </tr>`

    }

      $("#users").html(html);


}


function showAJAXErrors(error, status, statusText){

   console.error('AJAX ERROR: ');

   console.log(status);

   console.log(statusText);

   if(error.status == 500){

      console.log(error.parseJSON);

   }

   else if(error.status == 400){

      alert('Parameters were not sent successfully')

   }
}


let postoji = false;

function provera()

   {
```

```javascript
let username = document.getElementById("usernameReg").value;

let email = document.getElementById("email").value;

let password = document.getElementById("passwordReg").value;

let Cpassword = document.getElementById("Cpassword").value;


let regUser = /^([A-z]\s*){2,15}/;

let regEmail = /^[a-zA-Z0-9.!#$%&'*+/=?^_`{|}~-]+@[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?(?:\.[a-zA-Z0-9](?:[a-zA-Z0-9-]{0,61}[a-zA-Z0-9])?)*$/;

let regPass = /^(?=.*[a-z])(?=.*[A-Z])(?=.*\d)(?=.*[@$!%*?&])[A-Za-z\d@$!%*?&]{8,15}$/;


let greske = [];


let forma = document.getElementById("forma")


if(!regUser.test(username))
                    greske.push("Username must beggin with a letter,MIN 2,MAX 15 characters")
        if(!regPass.test(password))
                    greske.push("Password must have at least 1 uppercase, 1 lovercase letter,1 number and 1 special character,MIN length 8,MAX 15")
        if(password != Cpassword)
                    greske.push("password does not match")
        if(!regEmail.test(email))
                    greske.push("Email is not in good format")
    if(greske.length){
```

```javascript
            if(!postoji){

                        $('<span id ="zagreske"></span>').appendTo(forma);

                        let spanZaGreske = document.getElementById("zagreske")

                        postoji = true;

                        for(i in greske){


                                    spanZaGreske.innerHTML += greske[i] +
"</br>";

                        }

                }

                else{

                        let spanZaGreske = document.getElementById("zagreske")

                        spanZaGreske.innerHTML = "";

                        for(i in greske){


                                    spanZaGreske.innerHTML += greske[i] +
"</br>";

                        }

        }

        return false;

            }

            else

            {

        $('#zagreske').remove();


        $.ajax({
```

```
            url : "models/login/register.php",

            method : "post",

            type : "json",

            data : {

                username : username,

                email : email,

                password : password,

                Cpassword : Cpassword

            },

            success : function(data){


                alert("Successfully registered!")

                return true;


            },

            error : showAJAXErrors

        })

            }

    }
```

assets/css/style.css


```
@media only screen and (min-width:100px) and (max-width:699px)

{

    #header{
```

```css
        width: 100%;

        height: 100%;

}

#header div div#figure{

        display: none;

}

#header div:first-child div#logo {

        width: 50%;

}

#header div{

        width: 100%;

}

#body{

        width: 100%;

}

#footer{

        width: 100%;

}

div#footer div div{

        width: 100%;

}

div#footer div div:first-child{

        background: none;

        width: 100%;

}

div#header div:first-child div#logo a img{
```

```css
            display: none;

        }

        #ja{

            width: 100%;

        }

}

@media only screen and (min-width:700px) and (max-width:1200px)

{

        #header{

            width: 100%;

            height: 100%;

        }

        #header div div#figure{

            display: block;

        }

        #body{

        width: 100%;

        }

        #footer{

            width: 100%;

        }

}

#body div div div div div#pages{

    text-align: center;

    font-size: 30px;

}
```

```css
#body div div div div div.filter-categories{

        width: 30%;

        float: left;

        padding: 0px;

}

#body div div div div div.sort-price{

        width: 20%;

        float: right;

        padding: 0px;

}

#body div div div div div.sort-name{

        width: 20%;

        float: right;

        padding: 0px;

}

.productImg{

        width: 50%;

}

.info{

        font-size: 20px;

        display: block;

        margin: 2% 0 2%;

}

.a-info{

        color:#00dfdc;

        font-size: 20px;
```

```css
        margin: 2% 2% 2%;

        float: left;

}

.a-infoR{

        color:#00dfdc;

        font-size: 20px;

        margin: 2% 6% 2%;

        float: right

}

.register input.ne{

        width: 7%;

}

.registerP{

        float: left;

        padding: 10px 10px 10px;

        width: 45%;

}

.registerU{

        float: right;

        padding: 10px 10px 10px;

        width: 45%;

}

.spanGreske{

        font-size: 30px;

        width: 20%;

        position: relative;
```

```css
        margin-top: 1%;

        color:#820048;

}


.error{

        color: red;

        font-size: 20px;

}

#message{

        font-size: 20px;

        color:#820048;

}

#profilePic{

        padding-bottom: 30px;

}

.profilePicture{

        padding-left:5px;

        padding-right: 5px;

}

#body div div div div div.product{

        border: #4f0428;

        border-style: solid;

        border-width: 2px;

        text-align: center;

        font-size: 12px;

        padding-bottom: 5px;
```

```css
    }
    .pText{
            color:#820048;

            font-size: 20px;

            padding-top: 5px;

            padding-bottom: 5px;
    }
    .spanText{
            color:#820048;
    }
    .shopNow{
            position: relative;

            margin-left: auto;

            margin-right: auto;

            display: block;
    }
    .page{
            font-size: 26px;

            padding: 3px 16px;

            color:#820048;

            text-decoration: none;

            transition:backgroun-color .1s;
    }
    .page.active{
```

```css
        background-color: crimson;

        color: white;

        text-decoration: none;

        transition:backgroun-color .1s;

}

.signUp {

        color: mediumturquoise;

        font-size: 20px;

}

#body div div div div div .updateForma{

        display: none;

        width: 43%;

        padding-top: 2%;

        float: right

}

#body div div div div div .updateFormaU{

        display: none;

        width: 43%;

        padding-top: 4%;

        float: left;

}

#body div div div div div .userInfo{

        font-size: 20px;

}

p .editLink{

        float: right;
```

```css
}
#body div div div div div div#sidebar2 {
        background: none;
        float: right;
        padding: 0;
        width: 100%;
        margin-top: 27px;
}
.editForme{
        display: none;
        margin-top: 24px;
}
#body div div div div div p .notice{
        margin: 0 0 30px;


}


.slider{
        width: 75%;
}
.tabela img {
        height: 50px;
        width: 50px;
}
.tabela2{
```

```css
        font-size: 13px;

}

.product img

{

        width: 100%;

        height: 100%;


}

#zagreske{

        display: flex;

        color: red;

        font-size: 15px;

}

.logout{

        font-size: 15px;

        color: mediumturquoise;

}

.login input {

        width: 30%;

        padding: 6px;

        border-width: 5px;

}

.register input {

        width: 30%;

        padding: 10px;

        border-width: 5px;
```

```css
		}
		.register input .ne{
			width: 0%;
			padding: 10px;
			border-width: 5px;
		}
		.registerU input {
			width: 30%;
			padding: 10px;
			border-width: 5px;
		}
		.registerU input .ne{
			width: 0%;
			padding: 10px;
			border-width: 5px;
		}
		.registerP input {
			width: 30%;
			padding: 10px;
			border-width: 5px;
		}
		.registerP input .ne{
			width: 0%;
			padding: 10px;
			border-width: 5px;
		}
```

```css
#body div div div div div p.name{

        color: #0a5382;

        white-space: normal;


}
.price{

        color: #820048;

}
.anketa{

        text-align: center;

}
#kupuj{

        margin-left: 48%;

}
body {

        background: url(../images/bg-body.jpg) repeat left top;

        color: #515151;

        font-family: Arial, Helvetica, sans-serif;

        font-size: 14px;

}
a {

        outline: none;

}


p a {

        color: #515151;
```

```css
}
#body div div div div div div#sidebar ul li a {
        color: #515151;
        text-decoration: none;
}
#body div div div div div div#sidebar ul li a:hover {
        text-decoration: underline;
}
p a:hover {
        color: #233323;
}
#header {
        background: url(../images/pinklight.png) repeat-x left top;
}
#header div:first-child {
        border: none;
        height: 100%;
        z-index: 2;
}
#header div:first-child div#logo {
        background: none;
        border: none;
        display: block;
        position: relative;
        padding: 0;
        width: 11%;
```

```css
        margin-left: auto;

        margin-right: auto;

        z-index: 1000;

}

#header div:first-child div#logo a img {

        display: inline-block;

        height: 75%;

}

#header div:first-child ul {

        height: 43px;

        list-style: none;

        left: 0;

        margin: 0;

        padding: 0;

        text-align: center;

        top: 90px;

        width: 100%;

        margin-top: 2%;

}

#header div:first-child ul li {

        display: inline-block;

}

#header div:first-child ul li.home {

        left: 56px;

        top: 0;

}
```

```css
#header div:first-child ul li.logoutli {
        left: 900px;
        top: 0;
}
#header div:first-child ul li.products {
        left: 194px;
        top: 0;
}
#header div:first-child ul li.about {
        left: 630px;
        top: 0;
}
#header div:first-child ul li.blog {
        left: 740px;
        top: 0;
}
#header div:first-child ul li a {
        display: block;
        color: #FFFFFF;
        cursor: pointer;
        font-weight: bold;
        height: 43px;
        letter-spacing: 1px;
        line-height: 33px;
        padding: 0 0 0 13px;
        text-decoration: none;
```

```css
        text-transform: uppercase;

        text-shadow: 0px -2px 0px #4f0428;

}

#header div:first-child ul li.current a {

        background: url(../images/bg-menu-left.png) no-repeat left top;

        color: #FFFFFF;

}

#header div:first-child ul li.current a span {

        background: url(../images/bg-menu-right.png) no-repeat right top;

        display: block;

        height: 43px;

        padding: 0 15px 0 5px;

        text-align: center;

}

#header div {

        height: auto;


        width: 100%;

        z-index: 1;

}

#header div div#figure {

        position: relative;

}

#header div div#figure div {

        background: none;

        text-align: center;
```

```css
        top: 143px;

        width: 100%;

}

#header div div#figure div h1 {

        color: #00dfdc;

        display: block;

        font-size: 55px;

        font-weight: normal;

        margin: 0;

        text-transform: capitalize;

}

#header div div#figure div h2 {

        color: #c4c4c4;

        display: block;

        font-size: 22px;

        font-weight: normal;

        line-height: 45px;

        margin: 0;

        text-transform: uppercase;

}

#header div span#background {

        background: url(../images/bg-blue.png) no-repeat center top;

        display: block;

        height: 101px;

}
```

```css
#body div {
        background:  url(../images/bg-content2.png) repeat-x left top;
        border-bottom: 2px solid #86104a;
        padding: 0;
        width: 100%;
}
#body div div {
        background: url(../images/bg-content.png) no-repeat center top;
        border: 0;
        padding: 104px 0 0;
        width: 100%;
}
#body div div div {
        background: url(../images/bg-content3.jpg) repeat left 108px;
        border: 0;
        margin: 0;
        padding: 0;
}
#body div div div div {

        padding: 0 0 40px;
        width: 100%;
}
#body div div div div h1 {
        color: #0a5382;
        font-family: "Times New Roman", Times, serif;
```

```css
        font-size: 38px;

        font-weight: normal;

        letter-spacing: 2px;

        margin: 0;

        text-align: center;

        text-transform: uppercase;

}

#body div div div div h4 {

        color: #3f3f3f;

        font-weight: normal;

        margin: 0 0 50px;

        text-align: center;

}

#body div div div div ul {

        list-style: none;

        margin: 0;

        overflow: hidden;

        padding: 0;

        text-align: center;

}

#body div div div div ul li {

        float: left;

        padding: 2% 2% 2%;

        width: 29%;


}
```

```css
#body div div div div ul li a img {
        display: block;
        filter: alpha(opacity=100);
        opacity: 1;
}
.select-css {
    display: block;
    font-size: 16px;
    font-family: sans-serif;
    font-weight: 700;
    color: #444;
    line-height: 1.3;
    padding: .6em 1.4em .5em .8em;
    width: 100%;
    box-sizing: border-box;
    margin: 0;
    border: 1px solid #aaa;
    box-shadow: 0 1px 0 1px rgba(0,0,0,.04);
    border-radius: .5em;
    -moz-appearance: none;
    -webkit-appearance: none;
    appearance: none;
    background-color: #fff;
    background-image: url('data:image/svg+xml;charset=US-ASCII,%3Csvg%20xmlns%3D%22http%3A%2F%2Fwww.w3.org%2F2000%2Fsvg%22%20width%3D%22292.4%22%20height%3D%22292.4%22%3E%3Cpath%20fill%3D%22%2307CB2%22%20d%3D%22M287%2069.4a17.6%2017.6%200%200%200-13-5.4H18.4c-
```

```
5%200-9.3%201.8-
12.9%205.4A17.6%2017.6%200%200%200%200%2082.2c0%205%201.8%209.3%205.4%
2012.9l128%20127.9c3.6%203.6%207.8%205.4%2012.8%205.4s9.2-1.8%2012.8-
5.4L287%2095c3.5-3.5%205.4-7.8%205.4-12.8%200-5-1.9-9.2-5.5-
12.8z%22%2F%3E%3C%2Fsvg%3E'),

    linear-gradient(to bottom, #ffffff 0%,#e5e5e5 100%);

  background-repeat: no-repeat, repeat;

  background-position: right .7em top 50%, 0 0;

  background-size: .65em auto, 100%;

}

.select-css::-ms-expand {

  display: none;

}

.select-css-name {

  display: block;

  font-size: 16px;

  font-family: sans-serif;

  font-weight: 700;

  color: #444;

  line-height: 1.3;

  padding: .6em 1.4em .5em .8em;

  width: 100%;

  box-sizing: border-box;

  margin: 0;

  border: 1px solid #aaa;

  box-shadow: 0 1px 0 1px rgba(0,0,0,.04);

  border-radius: .5em;
```

```css
    -moz-appearance: none;

    -webkit-appearance: none;

    appearance: none;


}

#body div div div div ul li a img:hover {

        filter: alpha(opacity=90);

        opacity: 0.9;

}

#body div div div div ul li h2 {

        font-size: 16px;

        font-weight: normal;

        margin: 0;

}

#body div div div div ul li h2 a {

        background: url(../images/bg-prodname.png) repeat-x;

        color: #FFF;

        display: block;

        height: 57px;

        letter-spacing: 0.05em;

        line-height: 51px;

        text-align: center;

        text-decoration: none;

        text-transform: uppercase;

}

#body div div div div ul li h2 a:hover {
```

```css
        background: url(../images/bg-prodname-hover.png) repeat-x;

}

#body div div div div div {

        background: none;

        overflow: hidden;

        padding: 0 0 56px;

        width: 100%;

        text-align: center;

}

#body div div div div div h3 {

        color: #056f76;

        font-size: 16px;

        line-height: 30px;

        margin: 0;

        text-transform: uppercase;

}

#body div div div div div p {

        line-height: 30px;

        margin: 0 25% 0;

        width: 50%;


}

#body div div div div div div#article {

        background: none;

        float: left;

        padding: 0;
```

```css
		width: 100%;

}


#body div div div div div div#sidebar {

		overflow-x:auto;

		background: none;

		float: left;

		padding: 0;

		width: 100%;

		margin: 0 auto;

}
#body div div div div div div#sidebar h4 {

		color: #056f76;

		font-weight: bold;

		line-height: 30px;

		margin: 0;

		text-align: left;

		text-transform: uppercase;

}
#body div div div div div div#sidebar ul {

		list-style: disc;

		margin: 0 0 30px;

		padding: 0 0 0 15px;

		text-align: left;

}
#body div div div div div div#sidebar ul li {
```

```css
        float: none;

        line-height: 30px;

        margin: 0;

        padding: 0;

        width: auto;

}

#footer {

        min-height: 413px;

}

#footer div {

        margin: 0 auto;

        overflow: hidden;

        padding: 28px 0 0;

        width: 100%;

}

#footer div div:first-child {

        background: url(../images/footer-separator.png) no-repeat right top;

        float: left;

        width: 80%;

}

#footer div div:first-child p {

        color: #f0b7d2;

        line-height: 30px;

        margin: 2% 0 2%;

        width: 90%;

        text-align: justify;
```

```css
}
#footer div div p a {
        color: #f0b7d2;
}
#footer div div h3 {
        color: #FFFFFF;
        font-size: 20px;
        font-weight: normal;
        margin: 0 0 30px;
        padding: 50px 0 0;
        text-shadow: 0 1px #820048;
        text-transform: uppercase;
}
#footer div div {
        float: right;
        min-height: 299px;
        padding: 0;
        width: 16%;
}
#footer div div ul {
        list-style: none;
        margin: 0;
        padding: 0;
}
#footer div div ul li {
        display: block;
```

```css
        margin: 20px 0 0;

}

#footer div div ul li a {

        color: #f0b7d2;

        display: block;

        height: 22px;

        line-height: 22px;

        text-decoration: none;

        text-indent: 40px;

        text-transform: lowercase;

}

#footer div div ul li a:hover, #footer div div p a:hover {

        color: #FFFFFF;

}

#footer div div ul li:first-child {

        margin: 0;

}

#footer div div ul li a#googleplus {

        background: url(../images/icons.png) no-repeat 3px -104px;

}

#footer div div ul li a#googleplus:hover {

        background: url(../images/icons.png) no-repeat 3px -126px;

}

#footer div div ul li a#twitter {

        background: url(../images/icons.png) no-repeat 0 -54px;

        height: 20px;
```

```css
        line-height: 20px;

}

#footer div div ul li a#twitter:hover {

        background: url(../images/icons.png) no-repeat 0 -74px;

}

#footer div div ul li a#facebook {

        background: url(../images/icons.png) no-repeat 8px 0;

}

#footer div div ul li a#facebook:hover {

        background: url(../images/icons.png) no-repeat 8px -22px;

}

#footer p.footnote {

        background: #991456;

        border-radius: 5px;

        color: #c14381;

        height: 30px;

        font-size: 12px;

        line-height: 30px;

        margin: 30px auto 0;

        text-align: center;

        width: 260px;

}
```