

ATUSS- Odsek Visoka škola strukovnih studija za informacione i komunikacione tehnologije

Dokumentacija
Web Programiranje PHP1

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Uvod

Korišćeni programski jezici

Za izradu sajta korišćene su sledeće tehnologije:

- HTML5
- CSS3
- Bootstrap5
- JavaScript
- jQuery
- PHP
- AJAX

Opis funkcionalnosti

- Dinamički ispisan meni i futer iz baze
- Dinamički ispisani artikli
- Login
- Registracija
- Admin panel
- Unos, brisanje i editovanje artikala
- Mogucnost komentaranja artikla
- Mogucnost brisanja artikla
- Slanje poruke
- Filtriranje po kategoriji
- Pretraga
- Anketa

- Filtriranje sadržaja delova sajta (Admin, User)

Template

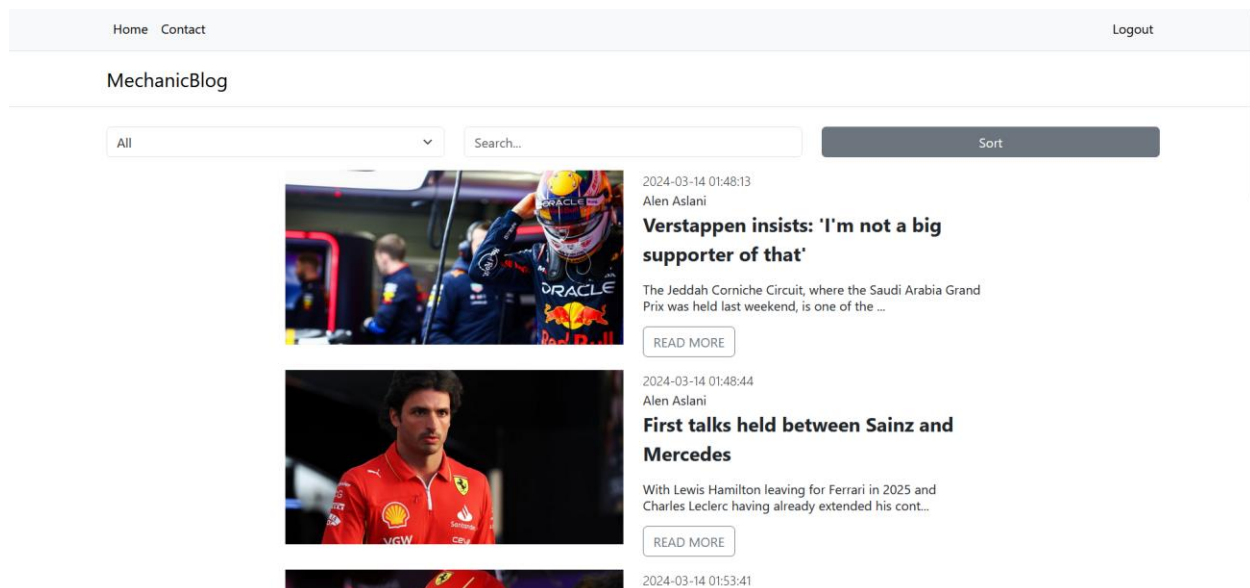
Za izradu sajta nije korišćen template. Kod je napisan samostalno, ideje su preuzete sa više različitih sajtova i templejtova, za organizaciju i dizajn css-a je korišćen Bootstrap5.

Organizacija

home.php

Dinamički ispisan meni i artikli.

Omogućeno filtriranje po kategoriji i pretraživanje po naslovu.



Ukoliko nema artikala korisniku će biti prikazana poruka.

MechanicBlog

Classic

Ferrari

Sort

We don't have any at the moment

MechanicBlog

All

Ferrari

Sort



2024-03-14 01:53:41

Alen Aslani

Ferrari wanted Bearman to join this F1 team at the start of the season

Charles Leclerc finished third in the Saudi Arabia Grand Prix, yet it was mostly about the Ferrari d...

READ MORE

Contact.php

Ukoliko je korisnik ulogovan automatski ce popuniti sva polja sem poruke.

MechanicBlog

Contact us

First Name

Ognjen

Last Name

Nikolic

Email address

ognjen@gmail.com

Message

Send message

Klikom na send message ukoliko je forma prošla validaciju, poruka će se poslati.

Contact us

First Name

Ognjen

Last Name

Nikolic

Email address

ognjen@gmail.com

Message

Hello!

Send message

You have successfully sent your message.

Register.php

Forma za registraciju. Validacija I na serverskoj I na klijentskoj strani.

Register

Name

Last name

Username

Email address

Password

Confirm password

Register

Ukoliko su podaci prosli validaciju, korisnik dobija poruku o uspesnoj registraciji.

Register

Name	<input type="text" value="Luka"/>	Last name	<input type="text" value="Lukic"/>
Username			
<input type="text" value="luka99"/>			
Email address			
<input type="text" value="luka@gmail.com"/>			
Password	<input type="password" value="....."/>	Confirm password	<input type="password" value="....."/>
<input type="button" value="Register"/>			

Congratulations! You have successfully registered. Welcome!

Login.php

Forma za logovanje korisnika. Ukoliko korisnik postoji biće preusmeren na home stranicu u slučaju običnog korisnika, a admin na admin stranicu.

Login

Username

Password

Ukoliko korisnik ne postoji dobiće poruku.

Login

Username

Password

Login

Couldn't find your account!

[Singlearticle.php](#)

Sadržaj prikazan običnom ili neautorizovanom



2024-03-14 01:48:44

Alen Aslani

First talks held between Sainz and Mercedes

With Lewis Hamilton leaving for Ferrari in 2025 and Charles Leclerc having already extended his contract at the Italian Scuderia, Carlos Sainz has to look for a new employer. Since the news came out that Hamilton will go to Ferrari, Sainz has been linked with a move to Mercedes. There is even said to have been initial talks between the two teams. Sainz is currently driving for Ferrari, but he is looking for a new challenge. Mercedes is a strong contender for him, as they have a strong lineup and a competitive car. Sainz is a talented driver with a strong record, and he would be a valuable addition to the Mercedes team. The move would be a significant one, as it would see Sainz leave his current team for a new one. Mercedes is a team that has won many championships, and Sainz would have the opportunity to compete for more titles. The move is still in the early stages, but it is a possibility that is being closely watched by fans and the media.

korisniku.

Sadržaj prikazan adminu. Mogućnost brisanja članka ili promena.



Edit

Delete

2024-03-14 01:48:13

Alen Aslani

Verstappen insists: 'I'm not a big supporter of that'

The Jeddah Corniche Circuit, where the Saudi Arabia Grand Prix was held last weekend, is one of the street circuits on the Formula 1 calendar. With high speeds and F1 cars running close to the walls, qualifying seems to be a spectacle every year. But is this circuit in the top three for drivers Max Verstappen, Charles Leclerc and Sergio Perez this season? Verstappen is not a fan of racing at a lot of street circuits. "I'm probably the least of the supporters of street circuits sitting here, but I think from all the street circuits, I

Modal koji se prikazuje u slučaju brisanja.

Delete artical



Are you sure you want to delete artical?

Close

Delete

Admin ima mogućnost da obriše svaki komentar ali nema mogućnost komentarisanja članka.

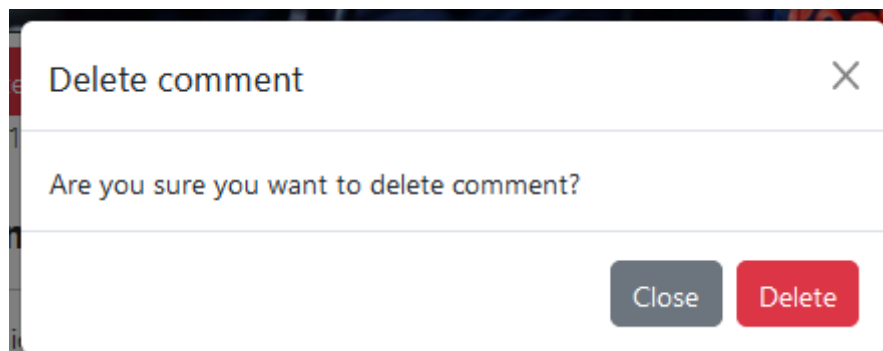
Comments

Delete comment

selma99: Okkkkkkkkkk

Delete comment

nikola99: Eventhough Max doesnt like street circuits, he still dominates at them!



Dok je korisniku omogućeno komentarisanje I brisanje samo svog komentara.

Comments

Comments

Post comment

Delete comment

ognjen99: Cool car man!

selma99: Amaaaaaazing!

nikola99: Woooow!

Comments

Comments

Cool car!

Post comment

Successfully added new comment.

selma99: beautiful car!!!

Ukoliko ne postoji komentar stoji ova poruka do prvog komentara.

Comments

Be the first to comment.

Editarticle.php

Klikom na edit direktno vas redirektuje na ediartical stranicu.

Edit article

Title

Verstappen insists: 'I'm not a big supporter of that'

Category

Formula

Text

The Jeddah Corniche Circuit, where the Saudi Arabia Grand Prix was held last weekend, is one of the street circuits on the Formula 1 calendar. With high speeds and F1 cars running close to the walls, qualifying seems to be a spectacle every year. But is this circuit in the top three for drivers Max Verstappen, Charles Leclerc and Sergio Perez this season?

Verstappen is not a fan of street circuits. He usually is the back of the queue when it comes to street circuits. Charles Leclerc has been a fan of all the street circuits. Leclerc has




Browse...

No file selected.

Update article

Nako uspesnog editovanja admin dobija poruku.

Edit article

Title Verstappen insists: 'I'm not a big supporter of that'	Category Formula
Text The Jeddah Corniche Circuit, where the Saudi Arabia Grand Prix was held last weekend, is one of the street circuits on the Formula 1 calendar. With high speeds and F1 cars running close to the walls, qualifying seems to be a spectacle every year. But is this circuit in the top three for drivers Max Verstappen, Charles Leclerc and Sergio Perez this season? Verstappen is not a fan of racing at a lot of street circuits. "I'm probably the least of the supporters of street circuits sitting here, but I think from all the street circuits, I think it's	
	Browse... No file selected.
<button>Update article</button>	

Successfully updated article.

admin.php

Admin panel pristup ima isključivo samo admin. Prvi deo za unošenje članaka.

Home	Contact	Admin Panel	Logout
MechanicBlog			
Admin panel			
Insert new article:			
Title	Category Choose	Browse...	No file selected.
Text			
<button>Insert article</button>			

Deo za unošenje nove kategorije.Nako uspešnog unosa admin dobija poruku.

Insert new category

Insert

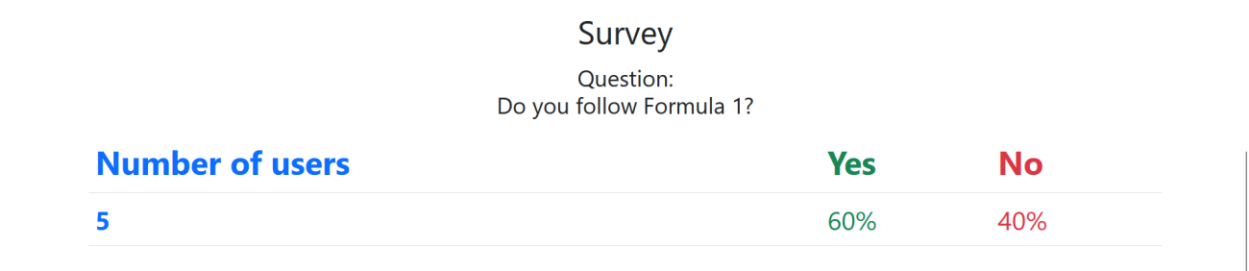
Insert new category

Rally

Insert

Successfully added new category.

Prikaz koliko i kako su korisnici odgovarali u anketi.



Prikaz poruka koji su korisnici poslali.I mogucnost brisanja(Sluzi kao znak da je korisnik video).

Messages from users					
#	First name	Last name	Email	Message	Delete
1	Nikola	Simic	nikola@gmail.com	Bravooooooooo!	Delete
2	Arza	Aslani	arza@gmail.com	Hello, can you hear me?	Delete
3	Selma	Aslani	selma@gmail.com	Life Is Good	Delete
4	Ognjen	Nikolic	ognjen@gmail.com	Hellooooooo	Delete
5	Ognjen	Nikolic	ognjen@gmail.com	Hello!	Delete

MechanicBlog



Alen Aslani
Visoka ICT Škola
29.9.2002

KOD

PHP

Head.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <!-- bootstrap5 -->
  <link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/css/bootstrap.min.css"
rel="stylesheet" integrity="sha384-
QWTKZyjpPEjISv5WaRU90FeRpok6YctnYmDr5pN1yT2bRjXh0JMhJY6hW+ALEwIH"
crossorigin="anonymous"/>
  <link rel="stylesheet" href="assets/css/style.css"/>
  <title>Mechanic</title>
</head>
<body>
```


Header.php

```
<?php
    $menus = getOneTable("menus");
?>
<!-- header -->
<nav class="py-2 bg-body-tertiary border-bottom">
    <div class="container d-flex flex-wrap">
        <ul class="nav me-auto">
            <?php
                foreach($menus as $m):
                ?>
                <li class="nav-item"><a href="<?= $m->link?>" class="nav-link
link-body-emphasis px-2"><?= $m->name?></a></li>
            <?php
                endforeach;
                ?>
            <?php
                if(isset($_SESSION['user']) && $_SESSION['user']->role_name ==
'Admin'):
                ?>
                <li class="nav-item"><a href="index.php?page=admin" class="nav-
link link-body-emphasis px-2">Admin Panel</a></li>
                <?php
                    endif;
                ?>
            </ul>
            <ul class="nav">
                <?php
                    if(isset($_SESSION['user'])):
                    ?>
                    <li class="nav-item"><a href="model/logout.php" class="nav-link
link-body-emphasis px-2">Logout</a></li>
                    <?php
                        endif;
                    if(!isset($_SESSION['user'])):
                    ?>
                    <li class="nav-item"><a href="index.php?page=login" class="nav-
link link-body-emphasis px-2">Login</a></li>
                    <li class="nav-item"><a href="index.php?page=register"
class="nav-link link-body-emphasis px-2">Sign up</a></li>
                    <?php
                        endif;
                    ?>
                </ul>
            </div>
        </div>
```

```

</nav>
<header class="py-3 mb-4 border-bottom">
    <div class="container d-flex flex-wrap justify-content-center">
        <a href="index.php?page=home" class="d-flex align-items-center mb-3
mb-lg-0 me-lg-auto link-body-emphasis text-decoration-none">

            <span class="fs-4">MechanicBlog</span>
        </a>
    </div>
</header>
<!-- endheader -->
<?php
    if(isset($_SESSION['user'])):
        $id = $_SESSION['user']->id_user;
        $query = "SELECT * FROM survey WHERE id_user = :id";
        $stmt = $conn->prepare($query);
        $stmt->bindParam(":id", $id);
        $stmt->execute();
        $result = $stmt->fetchAll();

        if(!$result):
?>
<div class="container p-3 ">
    <div class="row d-flex justify-content-center">
        <div class="col-lg-6 bg-warning">
            <div class="row d-flex justify-content-center rounded-pill">
                <div class="col-lg-6">
                    <p class="fs-5">Do you follow Formula 1?</p>
                </div>
                <div class="col-lg-2">
                    <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="question" id="yes"
value="yes"/>
                        <label class="form-check-label" for="inlineRadio1">Yes</label>
                    </div>
                    <div class="form-check form-check-inline">
                        <input class="form-check-input" type="radio" name="question" id="no"
value="no"/>
                        <label class="form-check-label" for="inlineRadio2">No</label>
                    </div>
                </div>
                <div class="col-lg-4 mt-2">
                    <button type="submit" id="save" class="btn btn-outline-dark">Save
answer</button>
                </div>
            </div>
        </div>
    </div>

```

```

        </div>
    </div>
</div>
<div id="msgquestion" class="m-3"></div>
<?php
endif;
endif;
?>

```

Footer.php

```

<!-- footer -->
<div class="container">
    <footer class="py-3 my-4">
        <ul class="nav justify-content-center border-bottom pb-3 mb-3">
            <?php
                foreach($menus as $m):
                    ?>
                    <li class="nav-item"><a href="<?= $m->link?>" class="nav-link px-2
text-body-secondary"><?= $m->name?></a></li>
            <?php
                endforeach;
            ?>
        </ul>
        <p class="text-center text-body-secondary">&copy; 2024 Company, Inc</p>
    </footer>
</div>
<!-- endfooter -->

<!-- scripts -->
<script
src="https://ajax.googleapis.com/ajax/libs/jquery/3.7.1/jquery.min.js"></script>
<script src="assets/js/main.js"></script>
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.3/dist/js/bootstrap.bundle.min.js
" integrity="sha384-
YvpcrYf0tY3lHB60NNkmXc5s9fDVZLESaAA55NDz0xhy9GkcIdslK1eN7N6jIeHz"
crossorigin="anonymous"></script>
<!-- endscripts -->
</body>
</html>

```

Index.php

```

<?php
    session_start();

```

```

include "model/functions.php";
include "config/connection.php";
include "views/fixed/head.php";
include "views/fixed/header.php";
if(isset($_GET['page'])){
    switch ($_GET['page']){
        case 'home':
            include "views/pages/home.php";
            break;
        case 'login':
            include "views/pages/login.php";
            break;
        case 'register':
            include "views/pages/register.php";
            break;
        case 'admin':
            include "views/pages/admin.php";
            break;
        case 'singleartical':
            include "views/pages/singleartical.php";
            break;
        case 'editarticle':
            include "views/pages/editarticle.php";
            break;
        case 'contact':
            include "views/pages/contact.php";
            break;
        case 'author':
            include "views/pages/author.php";
            break;
        default:
            include "views/pages/home.php";
    }
}else{
    include "views/pages/home.php";
}
include "views/fixed/footer.php";
?>

```

Home.php

```

<?php
$query = "SELECT a.*,c.*,arts.article_status_name,i.*,u.name,u.last_name FROM
articles a JOIN categories as c ON a.id_category=c.id_category JOIN
article_status as arts ON a.id_article_status=arts.id_article_status JOIN images

```

```

i ON a.id_article=i.id_article JOIN users u ON a.id_user=u.id_user WHERE
arts.article_status_name='ok' AND i.status_image = 'ok';
    if(isset($_GET['cate'])){
        $cat = $_GET['cate'];
        if($cat != 0){
            $query .= "AND c.id_category = $cat";
        }
    }
    if(isset($_GET['search'])){
        $search = $_GET['search'];
        if($search != ""){
            $query .= " AND a.title LIKE '%" . $search . "%'";
        }
    }
    // $query .= "ORDER BY a.created_at DESC";
    $stmt = $conn->prepare($query);
    $stmt->execute();
    $articles = $stmt->fetchAll();
    $categories = getOneTable("categories");
?>
<!-- articles -->
<div class="container">
<form action="<?=$_SERVER["PHP_SELF"] ?>" method="GET">
    <div class="row mb-3">
        <div class="col-lg-4 ">
            <select name="cate" class="form-select" aria-label="Default select example">
                <option value="0">All</option>
                <?php
                    foreach($categories as $c):
                        if(isset($_GET['cate']) && $_GET['cate'] == $c->id_category):
                            ?>
                                <option selected value="<?=$c->id_category?>"><?=$c-
>category_name?></option>
                            <?php
                                else:
                                    ?>
                                    <option value="<?=$c->id_category?>"><?=$c->category_name?></option>
                                    <?php
                                        endif;
                                    endforeach;
                                    ?>
                                </select>
                            </div>
                            <div class="col-lg-4">
                                <?php

```

```

        if(isset($_GET['search'])):
            ?>
            <input type="search" name="search" id="search" value="<?=$_GET['search']?>" class="form-control" placeholder="Search..." aria-label="Search">
            <?php
            else:
            ?>
            <input type="search" name="search" id="search" class="form-control" placeholder="Search..." aria-label="Search">
            <?php
            endif;
            ?>
        </div>
        <div class="col-lg-4 d-flex justify-content-center ">
        <input type="submit" class="btn btn-secondary w-100" value="Sort" />
        </div>
    </form>
</div>
</div>
</div>
<div class="container">
    <?php
    if(count($articles)):
    foreach($articles as $art):
        $text = $art->article_text;
        $subtext = substr($text,0,100)."...";
    ?>
    <div class="row d-flex justify-content-center mb-3">
        <div class="col-lg-4">
            
        </div>
        <div class="col-lg-4">
            <p class="fw-light m-0"><?=$_art->created_at?></p>
            <p class="fw-normal m-0"><?=$_art->name?> <?=$_art->last_name?></p>
            <p class="fs-4 fw-bold"><?=$_art->title?></p>
            <p class="lh-sm"><?=$_subtext?></p>
            <a href="index.php?page=singleartical&id=<?=$_art->id_article?>" class="btn btn-outline-secondary text-uppercase">Read more</a>
        </div>
    </div>
    <?php
    endforeach;
    else:

```

```

    ?>
    <div class="alert alert-danger" role="alert">
        We don't have any at the moment
    </div>

    <?php
    endif;
    ?>
</div>
<!-- endarticles -->

```

Contact.php

```

<div class="container">
    <h1 class="text-center">Contact us</h1>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-6">
            <div class="row">
                <div class="col-lg-6 mb-3">
                    <div class="mb-3">
                        <label for="fname" class="form-label">First Name</label>
                        <?php
                        if(isset($_SESSION['user'])):
                            ?>
                            <input type="text" class="form-control" id="fname"
value="<?= $_SESSION['user']->name?>"/>
                        <?php
                        else:
                            ?>
                            <input type="text" class="form-control" id="fname"/>
                        <?php
                        endif;
                        ?>
                    </div>
                    <div id="msgname">

                </div>
            </div>
            <div class="col-lg-6 mb-3">
                <div class="mb-3">
                    <label for="lname" class="form-label">Last Name</label>
                    <?php
                    if(isset($_SESSION['user'])):
                        ?>
                        <input type="text" class="form-control" id="lname"
value="<?= $_SESSION['user']->last_name?>"/>
                    <?php

```

```

        else:
            ?>
            <input type="text" class="form-control" id="lname"/>
            <?php
            endif;
            ?>
        </div>
        <div id="msglname">

            </div>
        </div>
    </div>
    <div class="row">
        <div class="col-lg-12 mb-3">
            <div class="mb-3">
                <label for="email" class="form-label">Email
address</label>

                <?php
                if(isset($_SESSION['user'])):
                    ?>
                    <input type="email" class="form-control" id="email"
value="<?= $_SESSION['user']->email?>"/>
                <?php
                else:
                    ?>
                    <input type="email" class="form-control" id="email"/>
                <?php
                endif;
                ?>
            </div>
            <div id="msgemail">

                </div>
        </div>
    </div>
    <div class="row">
        <div class="col-lg-12 mb-3">
            <div class="form-floating">
                <textarea class="form-control" id="message"
placeholder="Leave a comment here" id="floatingTextarea"></textarea>
                <label for="message">Message</label>
            </div>
        </div>
        <div id="msgmsg">

```



```

        </div>
    </div>
    <div class="row">
        <div class="col-lg-12 mb-3 d-flex justify-content-end">
            <input type="submit" id="sendmessage" class="btn btn-
primary" value="Send message"/>
        </div>
    </div>
    <div class="row">
        <div class="col-lg-12">
            <div id="msg"></div>
        </div>
    </div>
</div>
</div>
</div>

```

Singleartical.php

```

<?php
    if(isset($_GET['id'])):
        $id = $_GET['id'];
        $artical = getArticles($id);
    ?>

<!-- article -->
<div class="container">
    <div class="row d-flex justify-content-center">
        <div class="col-lg-7">
            <div class="row">
                <div class="col-lg-12">
                    
                </div>
                <div class="col-lg-12">
                    <?php
                        if(isset($_SESSION['user']) && $_SESSION['user']-
>role_name == "Admin"):
                            ?>
                            <div class="container mt-2">
                                <a href="index.php?page=editarticle&id=<?= $id?>"
class="btn btn-primary">Edit</a>
                                <button type="button" class="btn btn-danger" data-bs-
toggle="modal" data-bs-target="#deletearticalmodal">Delete</button>
                                <div class="modal fade " id="deletearticalmodal" data-bs-
backdrop="static" data-bs-keyboard="false" tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-hidden="true">

```

```

        <div class="modal-dialog">
            <div class="modal-content">
                <div class="modal-header">
                    <h1 class="modal-title fs-5"
id="staticBackdropLabel">Delete artical</h1>
                    <button type="button" class="btn-close" data-
bs-dismiss="modal" aria-label="Close"></button>
                </div>
                <div class="modal-body">
                    Are you sure you want to delete artical?
                    <div id="msgdeleteartical"></div>
                </div>
                <div class="modal-footer">
                    <button type="button" class="btn btn-
secondary" data-bs-dismiss="modal">Close</button>
                    <button type="button"
href="func/deleteartical.php" id="deleteartical" class="btn btn-
danger">Delete</button>
                    <input type="hidden" id="articalid"
value="<?= $id?>"/>
                </div>
            </div>
        </div>

    </div>

</div>

<?php
endif;
?>
<p class="fw-light m-0"><?= $artical->created_at?></p>
<p class="fw-normal m-0"><?= $artical->name?> <?=
$artical->last_name?></p>
<p class="fs-4 fw-bold"><?= $artical->title?></p>
<hr/>
<p class="lh-sm"><?= $artical->article_text?></p>
<hr/>
</div>
<div class="col-lg-12">
    <p class="h3">Comments</p>
    <div class="form-floating">
        <?php
        if(isset($_SESSION['user'])):
            if($_SESSION['user']->role_name == 'User'):
                ?>

```

```

        <textarea class="form-control" placeholder="Leave a
comment here" id="comment"></textarea>
        <label for="floatingTextarea">Comments</label>
        <input type="hidden" id="articleid" value="<?= $artical-
>id_article?>" />
        <input type="hidden" id="userid" value="<?=
$_SESSION['user']->id_user?>" />
        <button type="submit" id="postcomment" class="btn btn-
warning mt-2">Post comment</button>
        <?php
        endif;
        endif;
        ?>
        <div id="commess"></div>
    </div>
</div>
<div class="col-lg-12 mt-2">
    <?php
    $comments = getComments($id);
    if(count($comments) == 0):
    ?>
    <p class="fs-5 text-success-emphasis">Be the first to
comment.</p>

    <?php
    endif;
    foreach($comments as $c):
    ?>

    <?php
    if(isset($_SESSION['user'])):
    if($_SESSION['user']->role_name == 'Admin' ||
$_SESSION['user']->username == $c->username):
    ?>
        <button type="button" class="btn btn-danger" data-bs-
toggle="modal" data-bs-target="#deletecomment">Delete comment</button>
        <div class="modal fade " id="deletecomment" data-bs-
backdrop="static" data-bs-keyboard="false" tabindex="-1" aria-
labelledby="staticBackdropLabel" aria-hidden="true">
            <div class="modal-dialog">
                <div class="modal-content">
                    <div class="modal-header">
                        <h1 class="modal-title fs-5"
id="staticBackdropLabel">Delete comment</h1>
                        <button type="button" class="btn-close" data-
bs-dismiss="modal" aria-label="Close"></button>

```

```

        </div>
        <div class="modal-body">
            Are you sure you want to delete comment?
            <div id="deletecomm"></div>
        </div>
        <div class="modal-footer">
            <button type="button" class="btn btn-
secondary" data-bs-dismiss="modal">Close</button>
            <button type="button" href=""
id="deletecomment" class="btn btn-danger">Delete</button>
            <input type="hidden" id="commid" value="<?=
$c->id_comment?>" />
        </div>
    </div>
</div>
<?php
endif;
endif;
?>
<p class="fw-normal m-0"><strong><?= $c-
>username?>:</strong> <?= $c->comment?></p>
<hr>
<?php
endforeach;
?>
</div>
</div>
</div>
</div>

</div>
<!-- endarticle -->
<?php
endif;
?>

```

Register.php

```

<?php
    if(!isset($_SESSION['user'])){
?>
<!-- register -->
<div class="container">
    <p class="h1 text-center">Register</p>
    <form>
        <div class="row d-flex justify-content-center">

```

```

        <div class="col-lg-3">
            <label for="name" class="form-label">Name</label>
            <input type="text" class="form-control" id="name" />
            <div id="msgname">
                <p class="text-danger"> Please provide a valid name.</p>
            </div>
        </div>
        <div class="col-lg-3">
            <label for="lastname" class="form-label">Last name</label>
            <input type="text" class="form-control" id="lastname" />
            <div id="msglastname">
                <p class="text-danger"> Please provide a valid last name.</p>
            </div>
        </div>
    </div>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-6">
            <label for="username" class="form-label">Username</label>
            <input type="text" class="form-control" id="username" />
            <div id="msgusername">
                <p class="text-danger"> Please provide a valid username.</p>
            </div>
        </div>
    </div>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-6">
            <label for="email" class="form-label">Email address</label>
            <input type="email" class="form-control" id="email" />
            <div id="msgemail">
                <p class="text-danger"> Please provide a valid email.</p>
            </div>
        </div>
    </div>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-3">
            <label for="password" class="form-label">Password</label>
            <input type="password" class="form-control" id="password" />
            <div id="msgpassword">
                <p class="text-danger"> Please provide a valid password.</p>
            </div>
        </div>
        <div class="col-lg-3">
            <label for="confpassword" class="form-label">Confirm
password</label>
            <input type="password" class="form-control" id="confpassword" />

```

```

        <div id="msgconfpassword">
        <p class="text-danger"> Passwords do not match.</p>
        </div>
    </div>
</div>
<div class="row d-flex justify-content-center mt-4">
    <div class="col-lg-6">
        <button type="button" class="btn btn-primary"
id="register">Register</button>
    </div>
    <div id="message"></div>
</div>
</form>
</div>
<!-- endregister -->

<?php
}else{
    header('Location: index.php?page=home');
}
?>

```

Login.php

```

<?php
    if(!isset($_SESSION['user'])){
?>
<!-- login -->
<div class="container">
    <p class="h1 text-center">Login</p>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-4">
            <form>
                <div class="mb-3">
                    <label for="logusername" class="form-label">Username</label>
                    <input type="username" class="form-control" id="logusername">
                    <div id="msgusername">

                </div>
            </div>
            <div class="mb-3">
                <label for="logpassword" class="form-label">Password</label>
                <input type="password" class="form-control" id="logpassword">
                <div id="msgpassword">

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

```

```

        <button type="button" class="btn btn-primary"
id="login">LogIn</button>
    </form>
    <div id="msssss"></div>
    <div id="msglogin">
        <?php
        if(isset($_SESSION['msgregister'])):
            $msg = $_SESSION['msg'];
            unset($_SESSION['msgregister']);
        ?>
        <div class="alert alert-success" role="alert">
            <?= $msg?>
        </div>

        <?php
        endif;
        ?>
    </div>
</div>
<!-- endlogin -->
<?php
}else{
    header('Location: index.php?page=home');
}
?>

```

Editarticle.php

```

<?php
if(isset($_SESSION['user']) && $_SESSION['user']->role_name == 'Admin' &&
isset($_GET['id'])):
    $id = $_GET['id'];
    $artical = getArticles($id);
    $categories = getOneTable("categories");
?>
<div class="container">
    <form>
        <p class="h1 text-center">Edit article</p>
        <div class="row">
            <div class="col-lg-6">
                <div class="form-floating mb-3">
                    <input type="text" class="form-control" id="title" value="<?=
$artical->title?>" placeholder="" />
                    <label for="title">Title</label>
                <div id="msgtitle">

```

```

        <p class="text-danger"> Please provide a valid title.</p>
    </div>
</div>

</div>
<div class="col-lg-6 mb-3">
    <div class="form-floating">
        <select class="form-select" id="category" aria-
label="Floating label select example">
            <option value="0">Choose</option>
            <?php
foreach($categories as $cat):
    if($cat->id_category == $artical->id_category):
        ?>
        <option selected value="<?= $cat->id_category?>"><?=
$cat->category_name?></option>
        <?php
        else:
        ?>
        <option value="<?= $cat->id_category?>"><?= $cat-
>category_name?></option>
        <?php
        endif;
    endforeach;
    ?>
        </select>
        <label for="category">Category</label>
    </div>
    <div id="msgcategory">
        <p class="text-danger"> Please select category.</p>
    </div>
</div>
<div class="row">
    <div class="col-lg-12 mb-3">
        <div>
            <div class="form-floating">
                <textarea class="form-control h-100" placeholder="Leave a
comment here" value="" id="text"><?= $artical->article_text?></textarea>
                <label for="text">Text</label>
            </div>
            <div id="msgtext"><p class="text-danger"> Please provide a
valid text.</p></div>
        </div>
    </div>
</div>

```



```

        </div>
        <div class="row d-flex justify-content-center">
            <div class="col-lg-4 mb-3">
                
            </div>
            <div class="col-lg-4 mb-3">
                <input class="form-control form-control-lg h-100" id="image"
type="file"/>
                <input type="hidden" id="imgprev" value="<?= $artical->id_image?>" />
            </div>
        </div>
        <input type="hidden" id="id" value="<?= $id?>"/>
        <div class="row mt-4">
            <div class="col-lg-12">
                <button type="button" id="updateartical" class="btn btn-outline-
primary">Update article</button>
            </div>
        </div>

        <div id="msgupdate"></div>

    </div>
<?php
endif;
?>

```

Admin.php

```

<?php
if(isset($_SESSION['user']) && $_SESSION['user']->role_name == 'Admin'){
    $categories = getOneTable("categories");
    $messages = getOneTable("messages");
    $survey = getOneTable("survey");
    $usersnumber = count($survey);
    $query = "SELECT * FROM survey WHERE answer = 'yes'";
    $stmt = $conn->prepare($query);
    $stmt->execute();
    $result = $stmt->fetchAll();
    $yes = count($result);
    $no = $usersnumber - $yes;

    $yespercentage = round(($yes/$usersnumber)*100);
    $nopercentage = round(($no/$usersnumber)*100);
?>
<!-- adminpanel -->
<div class="container">

```

```

<form>
<p class="h1 text-center">Admin panel</p>
<?php
if(isset($_SESSION['msg'])):
    $msg = $_SESSION['msg'];
    unset($_SESSION['msg']);
?>
<div id="msg" class="alert alert-success" role="alert"><?= $msg?></div>
<?php
endif;
?>
<div class="row">
    <p class="h3">Insert new article:</p>

    <div class="col-lg-4">
        <div class="form-floating mb-3">
            <input type="text" class="form-control" id="title"
placeholder=""/>
            <label for="title">Title</label>
            <div id="msgtitle">
                <p class="text-danger"> Please provide a valid title.</p>
            </div>
        </div>

        <div class="col-lg-4 mb-3">
            <div class="form-floating">
                <select class="form-select" id="category" aria-
label="Floating label select example">
                    <option value="0" selected>Choose</option>
                    <?php
foreach($categories as $cat):
                    ?>
                    <option value="<?= $cat->id_category?>"><?= $cat-
>category_name?></option>
                    <?php
endforeach;
                    ?>
                </select>
                <label for="category">Category</label>
            </div>
            <div id="msgcategory">
                <p class="text-danger"> Please select a category.</p>
            </div>
        </div>
    </div>

```

```

        <div class="col-lg-4 mb-3">
            <input class="form-control form-control-lg" id="image"
type="file">
            <div id="msgimage">
                <p class="text-danger"> Please upload image.</p>
            </div>
        </div>
    </div>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-8">
            <div>
                <div class="form-floating">
                    <textarea class="form-control" placeholder="Leave a
comment here" id="text"></textarea>
                    <label for="text">Text</label>
                </div>
                <div id="msgtext"><p class="text-danger"> Please select a
category.</p></div>
            </div>
        </div>
    </div>
    <div class="row mt-4 d-flex justify-content-center">
        <div class="col-lg-8">
            <button type="button" id="insertarticle" class="btn btn-outline-
primary">Insert article</button>
        </div>
    </div>

    <div id="msginsertarticle"></div>
</div>
<!-- endadminpanel -->
<hr/>
<!-- insert category -->
<div class="container p-3">
    <div class="h2 text-center m-3">Insert new category</div>
    <div class="row d-flex justify-content-center">
        <div class="col-lg-4">
            <div class="mb-3">
                <input type="text" class="form-control" id="insertcat" />
            </div>
            <button type="button" id="newcategory" class="btn btn-
primary">Insert</button>
        </div>
    </div>

```

```

        <div id="msgnewcat">

            </div>
        </div>
</div>
<!-- endinsert -->
<hr/>
<!-- survey -->
<div class="container">
    <div class="h1 text-center m-3">Survey</div>
    <div class="h3 text-center m-3 ">Question:<br/>Do you follow Formula 1?</div>
    <div class="row">
        <table class="table">
            <thead>
                <tr>
                    <th scope="col" class="text-primary fs-1">Number of users</th>
                    <th scope="col" class="text-success fs-1">Yes</th>
                    <th scope="col" class="text-danger fs-1">No</th>
                </tr>
            </thead>
            <tbody>
                <tr>
                    <th scope="row" class="text-primary fs-2"><?= $usersnumber?></th>
                    <td class="text-success fs-2"><?= $yespercentage?>%</td>
                    <td class="text-danger fs-2"><?= $nopercentage?>%</td>
                </tr>
            </tbody>
        </table>
    </div>

</div>
<!-- endsurvey -->
<hr/>
<!-- messages -->
<div class="container p-4">
    <div class="h1 text-center">Messages from users</div>
    <div class="row">
        <table class="table">
            <thead>
                <tr>
                    <th scope="col">#</th>
                    <th scope="col">First name</th>
                    <th scope="col">Last name</th>
                    <th scope="col">Email</th>
                    <th scope="col">Message</th>
                    <th scope="col">Delete</th>
                </tr>
            </thead>
        </table>
    </div>
</div>

```

```

        </tr>
    </thead>
    <tbody>
        <?php
        $br = 0;
        foreach($messages as $m):
            $br++;
        ?>
        <tr>
            <th scope="row"><?= $br?></th>
            <td><?= $m->first_name_mess?></td>
            <td><?= $m->last_name_mess?></td>
            <td><?= $m->email_mess?></td>
            <td><?= $m->message?></td>
            <td><button type="button" id="deletemessage" value="<?= $m-
>id_message?>" class="btn btn-danger">Delete</button> <div
id="msgmessagedelete"></div></td>
        </tr>
        <?php
        endforeach;
    ?>
    </tbody>
</table>
</div>
</div>
<!-- endmessages -->
<?php
}else{
    header('Location: index.php?page=home');
}
?>

```

Model/PHP

Doregister.php

```

<?php
    header("Content-type: application/json");
    if($_SERVER['REQUEST_METHOD'] == "POST"){
        include "../config/connection.php";
        include "functions.php";
        try{
            $name = $_POST['fname'];
            $lastname = $_POST['lname'];
            $username = $_POST['user'];
            $email = $_POST['mail'];

```

```

$password = $_POST['pass'];
$confirmpassword = $_POST['confirmpassword'];
$errors = 0;
$regName = "/^[A-ZŠĐČĆŽ][a-zšđžćć]{2,}/";
$regUsername = "/^[0-9A-Za-z]{6,16}$/";
$regPass = "/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/";

if(!preg_match($regName,$name)){
    $errors++;
    $response = ["msg" => "Please provide a valid name."];
    $statusCode = 400;
}
if(!preg_match($regName,$lastname)){
    $errors++;
    $response = ["msg" => "Please provide a valid last name."];
    $statusCode = 400;
}
if(!preg_match($regUsername,$username)){
    $errors++;
    $response = ["msg" => "Please provide a valid username."];
    $statusCode = 400;
}
if(!filter_var($email,FILTER_VALIDATE_EMAIL)){
    $errors++;
    $response = ["msg" => "Please provide a valid email."];
    $statusCode = 400;
}
if(!preg_match($regPass,$password)){
    $errors++;
    $response = ["msg" => "Please provide a valid password."];
    $statusCode = 400;
}
if($password != $confirmpassword){
    $errors++;
    $response = ["msg" => "Passwords do not match."];
    $statusCode = 400;
}

if($errors == 0){
    $exist = userExistCheck("users","username",$username);

    if($exist){
        $response = ["msg" => "User already exist."];
        $statusCode = 409;
    }else{

```

```

        $hashpassword = md5($password);
        $table = "users";
        $columns = "name,last_name,username,email,password,id_role";
        $values = [$name,$lastname,$username,$email,$hashpassword,"2"];
        $result = insert($table,$columns,$values);
        if($result){
            $_SESSION['msgregister'] = "Congratulations! You have
successfully registered. Welcome!";
            $response = ["msg" => "Congratulations! You have successfully
registered. Welcome!"];
            $statusCode = 201;
        }
    }
    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
}
}catch(Exception $ex){
    $conn->rollBack();
    $response = ["msg" => "Failed to add a new user to the database."];
    echo json_encode($response);
    http_response_code(500);
}

}else{
    http_response_code(404);
}
?>

```

Dologin.php

```

<?php
session_start();
header("Content-type: application/json");
if($_SERVER['REQUEST_METHOD'] == "POST"){
    include "../config/connection.php";
    include "functions.php";

    $username = $_POST['loginuser'];
    $password = $_POST['loginpassword'];

    $errors = 0;
    $regPass = "/^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/";
    $regUsername = "/^[0-9A-Za-z]{6,16}$/";

    if(!preg_match($regPass,$password)){
        $errors++;
    }
}

```

```

        $response = ["msg" => "Please provide a valid password."];
        $statusCode = 400;
    }
    if(!preg_match($regUsername,$username)){
        $errors++;
        $response = ["msg" => "Please provide a valid username."];
        $statusCode = 400;
    }

    if($errors == 0){
        $pass = md5($password);
        $user = loginCheck($username,$pass);

        if($user){
            $_SESSION['user'] = $user;
            if($user->role_name == "Admin"){
                $response = ["msg" => "admin"];
                $statusCode = 200;

            }else{
                $response = ["msg" => "user"];
                $statusCode = 200;
            }
        }else{
            $response = ["msg" => "User does not exist."];
            $statusCode = 404;
        }
    }else{
        $response = ["msg" => "Problem."];
        $statusCode = 404;
    }

    echo json_encode($response);
    http_response_code(200);

}
else{
    http_response_code(404);
}
?>

```

[Insertcomment.php](#)

```

<?php
    session_start();
    if($_SERVER['REQUEST_METHOD'] == 'POST' && isset($_SESSION['user']) &&
$_SESSION['user']->role_name == "User"){
        include "../config/connection.php";
    }
}

```



```

include "functions.php";
try{
$conn->beginTransaction();
$comment = $_POST['comm'];
$user = $_POST['id'];
$article = $_POST['artid'];

$errors = 0;

if($comment == ""){
    $errors++;
    $response = ["msg" => "Please provide a valid comment."];
    $statusCode = 400;
}
if($user == ""){
    $errors++;
}

if($errors == 0){
    $table = "comments";
    $columns = "comment,created_at,comment_status,id_user";
    $time = date("Y-m-d h:i:s");
    $values = [$comment,$time,"ok",$user];
    $insert = insert($table,$columns,$values);
    if($insert){
        $lid = $conn->lastInsertId();
        $table1 = "articles_comments";
        $columns1 = "id_article,id_comment";
        $values1 = [$article,$lid];
        $insert1 = insert($table1,$columns1,$values1);
        if($insert1){
            $response = ["msg" => "Successfully added new comment."];
            $statusCode = 201;
        }
    }
}

$conn->commit();
echo json_encode($response);
http_response_code($statusCode);
}catch(Exception $ex){
    $conn->rollBack();
    var_dump($ex);
    $response = ["msg" => "Failed to add a new comment to the
database."];
    echo json_encode($response);
}

```

```

        http_response_code(500);
    }

    }else{
        http_response_code(404);
    }
?>

```

Logout.php

```

<?php
    session_start();

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

```

Savesurvey.php

```

<?php
    session_start();
    if(isset($_SESSION['user']) && $_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/connection.php";
        include "functions.php";

        try{
            $conn->beginTransaction();

            $answer = $_POST['answer'];
            $id = $_SESSION['user']->id_user;

            $table = "survey";
            $columns = "answer,id_user";
            $values = [$answer,$id];
            $insert = insert($table,$columns,$values);
            if($insert){
                $response = ["msg" => "Your answer has been saved."];
                $statusCode = 201;
            }

            $conn->commit();
            echo json_encode($response);
            http_response_code($statusCode);
        }catch(Exception $ex){
            $conn->rollBack();
            $response = ["msg" => "Failed to add a new article to the
database."];

```

```

        echo json_encode($response);
        http_response_code(500);
    }
}else{
    http_response_code(404);
}
?>

```

Sendmessage.php

```

<?php
    if($_SERVER['REQUEST_METHOD'] == 'POST'){
        try{
            include "../config/connection.php";
            include "functions.php";
            $conn->beginTransaction();
            $fname = $_POST['fname'];
            $lname = $_POST['lname'];
            $email = $_POST['email'];
            $message = $_POST['message'];

            $errors = 0;
            $regName = "/^[A-ZŠĐČŽ][a-zšđžčć]{2,}/";
            if(!preg_match($regName,$fname)){
                $errors++;
                $response = ["msg" => "Please provide a valid name."];
                $statusCode = 400;
            }
            if(!preg_match($regName,$lname)){
                $errors++;
                $response = ["msg" => "Please provide a valid last name."];
                $statusCode = 400;
            }
            if(!filter_var($email,FILTER_VALIDATE_EMAIL)){
                $errors++;
                $response = ["msg" => "Please provide a valid email."];
                $statusCode = 400;
            }
            if($message == ""){
                $errors++;
                $response = ["msg" => "Please provide a valid message."];
                $statusCode = 400;
            }

            if($errors == 0){
                $table = "messages";
                $columns = "first_name_mess,last_name_mess,email_mess,message";
            }
        }
    }
}

```

```

        $values = [$fname,$lname,$email,$message];
        $insert = insert($table,$columns,$values);

        if($insert){
            $response = ["msg" => "You have successfully sent your
message."];
            $statusCode = 201;
        }
    }
    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
}catch(Exception $ex){
    $conn->rollBack();
    $response = ["msg" => "Failed to add a new article to the
database."];
    echo json_encode($response);
    http_response_code(500);
}

}else{
    http_response_code(404);
}

?>

```

Insertcategory.php

```

<?php
    session_start();
    if(isset($_SESSION['user']) && $_SESSION['user']->role_name == 'Admin' &&
$_SERVER['REQUEST_METHOD'] == 'POST'){
        include "../config/connection.php";
        include "functions.php";
        try{
            $conn->beginTransaction();
            $name = $_POST['category'];
            $errors = 0;

            if($name == ""){
                $errors++;
            }

            if($errors == 0){
                $table = "categories";
                $columns = "category_name";
                $values = [$name];
                $insert = insert($table,$columns,$values);
            }
        }
    }
}

```

```

        if($insert){
            $response = ["msg" => "Successfully added new category."];
            $statusCode = 201;
        }
    }

    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
} catch (Exception $ex){
    $conn->rollBack();
    $response = ["msg" => "Failed to add a new category to the
database."];
    echo json_encode($response);
    http_response_code(500);
}
} else{
    http_response_code(404);
}
}
?>

```

Insertarticle.php

```

<?php
    session_start();

    if($_SERVER['REQUEST_METHOD'] == "POST" && isset($_SESSION['user']) &&
($_SESSION['user']->role_name == "Admin" || $_SESSION['user']->role_name ==
"Editor")){
        include "../config/connection.php";
        include "functions.php";

        try{
            $conn->beginTransaction();
            $title = $_POST['title'];
            $category = $_POST['category'];
            $text = $_POST['text'];
            $img = $_FILES['image'];

            $errors = 0;

            if($title == ""){
                $errors++;
                $response = ["msg" => "Please provide a valid title."];
                $statusCode = 400;
            }
            if($category == "0"){
                $errors++;
            }
        }
    }
}

```

```

        $response = ["msg" => "Please provide a valid category."];
        $statusCode = 400;
    }
    if($text == ""){
        $errors++;
        $response = ["msg" => "Please provide a valid title."];
        $statusCode = 400;
    }

    if($errors == 0){
        $id = $_SESSION['user']->id_user;
        $nameimg = time()."_" . $img['name'];
        $src = '../assets/images/' . $nameimg;
        $tmp = $img['tmp_name'];
        $table = "articles";
        $columns =
"title,article_text,created_at,id_category,id_article_status,id_user";
        $time = date("Y-m-d h:i:s");
        $values = [$title,$text,$time,$category,1,$id];
        $insert = insert($table,$columns,$values);
        if($insert){
            $lid = $conn->lastInsertId();
            move_uploaded_file($tmp,$src);
            $imgtable = "images";
            $imgcolumns = "src,id_article,created_at,status_image";
            $imgvalue = [$nameimg,$lid,$time,"ok"];
            $imginsert = insert($imgtable,$imgcolumns,$imgvalue);
            if($imginsert){
                $response = ["msg" => "Successfully added new
article."];

                $statusCode = 201;
            }
        }else{
            $response = ["msg" => "Problem with server.Please try
again later."];

            $statusCode = 500;
        }
    }

    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
}catch(Exception $ex){
    $conn->rollBack();
}

```

```

        $response = ["msg" => "Failed to add a new article to the
database."];
        echo json_encode($response);
        http_response_code(500);
    }
} else {
    http_response_code(404);
}

?>

```

Editartical.php

```

<?php
session_start();
if(isset($_SESSION['user']) && $_SESSION['user']->role_name == "Admin" &&
$_SERVER['REQUEST_METHOD'] == "POST"){
    include "../config/connection.php";
    include "functions.php";
    try{
        $conn->beginTransaction();
        $title = $_POST['title'];
        $category = $_POST['category'];
        $text = $_POST['text'];
        $articleid = $_POST['id'];
        if(isset($_FILES['image'])){
            $img = $_FILES['image'];
            $imgprev = $_POST['imgprev'];
        } else {
            $img = "";
            $imgprev = "";
        }
        $errors = 0;

        if($title == ""){
            $errors++;
            $response = ["msg" => "Please provide a valid title."];
            $statusCode = 400;
        }
        if($category == "0"){
            $errors++;
            $response = ["msg" => "Please provide a valid category."];
            $statusCode = 400;
        }
        if($text == ""){
            $errors++;
            $response = ["msg" => "Please provide a valid title."];

```

```

        $statusCode = 400;
    }

    if($errors == 0){
        $update = updateArticle($title,$text,$category,$articleid);
        if($update){
            if($img != ""){
                $updateprev = updateImageStatus($imgprev,"archive");
                if($updateprev){
                    $table = 'images';
                    $columns = 'src,id_article,created_at,status_image';
                    $nameimg = time()."_" . $img['name'];
                    $src = '../assets/images/' . $nameimg;
                    $tmp = $img['tmp_name'];
                    move_uploaded_file($tmp,$src);
                    $time = date("Y-m-d h:i:s");
                    $values = [$nameimg,$articleid,$time,"ok"];
                    $insert = insert($table,$columns,$values);
                    if($insert){
                        $response = ["msg" => "Successfully updated
article."];

                        $statusCode = 201;
                    }
                }
            }else{
                $response = ["msg" => "Successfully updated
article."];

                $statusCode = 201;
            }
        }
    }
    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
}catch(Exception $ex){
    $conn->rollBack();
    var_dump($ex);
    $response = ["msg" => "Failed to add a new comment to the database."];
    echo json_encode($response);
    http_response_code(500);
}
}else{
    http_response_code(404);
}
?>

```


Deletemessage.php

```
<?php
    session_start();
    if(isset($_SESSION['user']) && $_SESSION['user']->role_name == 'Admin' &&
$_SERVER['REQUEST_METHOD'] == "POST"){
        include "../config/connection.php";
        include "functions.php";
        try{
            $conn->beginTransaction();
            $id = $_POST['id'];

            $delete = deletemessage($id);
            if($delete){
                $_SESSION['msg'] = "Successfully deleted message.";
                $response = ["msg" => "Successfully deleted message."];
                $statusCode = 201;
            }

            $conn->commit();
            echo json_encode($response);
            http_response_code($statusCode);
        }catch(Exception $ex){
            $conn->rollBack();
            $response = ["msg" => "Failed to delete message to the database."];
            echo json_encode($response);
            http_response_code(500);
        }

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

Deletecomment.php

```
<?php
session_start();
    if(isset($_SESSION['user']) && isset($_POST['id'])){
        include "../config/connection.php";
        include "functions.php";
        try{
            $conn->beginTransaction();
            $id = $_POST['id'];

            $delete = delete($id,"comment");
            if($delete){
```

```

        $_SESSION['msg'] = "Successfully deleted comment.";
        $response = ["msg" => "Successfully deleted comment."];
        $statusCode = 201;
    }else{
        $response = ["msg" => "Problem with server.Please try again
later."];
        $statusCode = 500;
    }

    $conn->commit();
    echo json_encode($response);
    http_response_code($statusCode);
}catch(Exception $ex){
    $conn->rollBack();
    var_dump($ex);
    $response = ["msg" => "Failed to delete comment."];
    echo json_encode($response);
    http_response_code(500);
}
}else{
    http_response_code(404);
}
?>

```

Deleteartical.php

```

<?php
session_start();
if(isset($_SESSION['user']) && $_SESSION['user']->role_name == 'Admin' &&
$_SERVER['REQUEST_METHOD'] == 'POST' && isset($_POST['id'])){
    include "../config/connection.php";
    include "functions.php";

    try{
        $conn->beginTransaction();
        $id = $_POST['id'];

        $delete = delete($id,"article");
        if($delete){
            $_SESSION['msg'] = "Successfully deleted article.";
            $response = ["msg" => "Successfully deleted article."];
            $statusCode = 201;
        }else{
            $response = ["msg" => "Problem with server.Please try again later."];
            $statusCode = 500;
        }
    }
}

```

```

        $conn->commit();
        echo json_encode($response);
        http_response_code($statusCode);

    }catch(Exception $ex){
        $conn->rollBack();
        var_dump($ex);
        $response = ["msg" => "Failed to delete article."];
        echo json_encode($response);
        http_response_code(500);
    }
}
}
}
else{
    http_response_code(404);
}
}
?>

```

Functions.php

```

<?php

function insert($table,$columns,$values){
    global $conn;

    $qm = "";
    for($i = 0; $i < count($values); $i++){
        if($i == 0){
            $qm = "?";
        }else{
            $qm .= ","?";
        }
    }
    $query = "INSERT INTO $table($columns) VALUES($qm)";
    $stmt = $conn->prepare($query);
    $result = $stmt->execute($values);

    return $result;
}

function userExistCheck($table, $where, $value){
    global $conn;

    $query = "SELECT * FROM $table WHERE $where=:v";
    $stmt = $conn->prepare($query);
    $stmt->bindParam(":v",$value);
    $stmt->execute();
    $res = $stmt->fetch();
}

```

```

        return $res;
    }

    function loginCheck($user,$password){
        global $conn;

        $query = "SELECT * FROM users u JOIN roles r ON u.id_role=r.id_role WHERE
u.username=:u AND u.password=:p";
        $stmt = $conn->prepare($query);
        $stmt->bindParam(":u",$user);
        $stmt->bindParam(":p",$password);
        $stmt->execute();
        $res = $stmt->fetch();

        return $res;
    }

    function getOneTable($table){
        global $conn;

        $query = "SELECT * FROM $table";
        $stmt = $conn->prepare($query);
        $stmt->execute();
        $result = $stmt->fetchAll();

        return $result;
    }

    function getArticles($id){
        global $conn;
        if($id){
            $query = "SELECT
a.*,c.*,arts.article_status_name,i.*,u.name,u.last_name FROM articles a JOIN
categories as c ON a.id_category=c.id_category JOIN article_status as arts ON
a.id_article_status=arts.id_article_status JOIN images i ON
a.id_article=i.id_article JOIN users u ON a.id_user=u.id_user WHERE
arts.article_status_name='ok' AND a.id_article=:id ORDER BY i.created_at DESC";
            $stmt = $conn->prepare($query);
            $stmt->bindParam(":id",$id);
            $stmt->execute();
            $result = $stmt->fetch();
        }else{
            $query = "SELECT
a.*,c.*,arts.article_status_name,i.*,u.name,u.last_name FROM articles a JOIN

```

```

categories as c ON a.id_category=c.id_category JOIN article_status as arts ON
a.id_article_status=arts.id_article_status JOIN images i ON
a.id_article=i.id_article JOIN users u ON a.id_user=u.id_user WHERE
arts.article_status_name='ok' AND i.status_image = 'ok' ORDER BY a.created_at
DESC";

        $stmt = $conn->prepare($query);
        $stmt->execute();
        $result = $stmt->fetchAll();
    }

    return $result;
}

function getComments($id){
    global $conn;

    $query = "SELECT c.*,u.username FROM comments c JOIN articles_comments ac
ON c.id_comment=ac.id_comment JOIN articles a ON ac.id_article=a.id_article JOIN
users u ON c.id_user=u.id_user WHERE a.id_article=:id AND c.comment_status = 'ok'
ORDER BY c.created_at DESC";
    $stmt = $conn->prepare($query);
    $stmt->bindParam(":id",$id);
    $stmt->execute();
    $result = $stmt->fetchAll();
    return $result;
}

function updateArticle($title,$text,$category,$id){
    global $conn;
    $query = "UPDATE articles SET title = :t, article_text = :att,
id_category = :cat WHERE id_article = :id";

    $stmt = $conn->prepare($query);
    $stmt->bindParam(":t",$title);
    $stmt->bindParam(":att",$text);
    $stmt->bindParam(":cat",$category);
    $stmt->bindParam(":id",$id);
    $result = $stmt->execute();

    return $result;
}

function delete($id,$type){
    global $conn;
    if($type == "article"){

```

```

        $query = "UPDATE articles SET id_article_status=2 WHERE
id_article=:id";
        $stmt = $conn->prepare($query);
        $stmt->bindParam(":id",$id);
        $result = $stmt->execute();
    }elseif($type == "comment"){
        $query = "UPDATE comments SET comment_status='deleted' WHERE
id_comment=:id";
        $stmt = $conn->prepare($query);
        $stmt->bindParam(":id",$id);
        $result = $stmt->execute();
    }

    return $result;
}

function updateImageStatus($id,$status){
    global $conn;

    $query = "UPDATE images SET status_image = :st WHERE id_image = :id";

    $stmt = $conn->prepare($query);
    $stmt->bindParam(':st',$status);
    $stmt->bindParam(':id',$id);
    $result = $stmt->execute();

    return $result;
}

function deletemessage($id){
    global $conn;

    $query = "DELETE FROM messages WHERE id_message = :id";

    $stmt = $conn->prepare($query);
    $stmt->bindParam(":id", $id);
    $result = $stmt->execute();

    return $result;
}
?>

```

Connection

.env

```
SERVER=localhost  
DATABASE=blogphp1  
USERNAME=root  
PASSWORD=
```

Config.php

```
<?php  
    define ("envFile",__DIR__."/env");  
    define("SERVER", env("SERVER"));  
    define("DATABASE", env("DATABASE"));  
    define("USERNAME", env("USERNAME"));  
    define("PASSWORD", env("PASSWORD"));  
  
    function env($mark){  
        $niz = file(envFile);  
        $vrednost1 = "";  
  
        foreach($niz as $red){  
            $red = trim($red);  
            list($id, $vrednost0) = explode("=", $red);  
  
            if($id == $mark){  
                $vrednost1 = $vrednost0;  
                break;  
            }  
        }  
        return $vrednost1;  
    }  
?>
```

Connection.php

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

```
        echo $ex->getMessage();
    }
?>
```

JavaScript

Main.js

```
$(document).ready(function(){
    $("#register").click(registration);
    $("#login").click(login);
    $("#insertarticle").click(insertArticle);
    $("#postcomment").click(postComment);
    $("#updateartical").click(updateArtical);
    $("#deleteartical").click(deleteArtical);
    $("#deletecomment").click(deleteComment);
    $("#sendmessage").click(contact);
    $("#deletemessage").click(deletemessage);
    $("#save").click(survey);
    $("#newcategory").click(insertCategory);
});

function ajaxCallBack(url,method,data,file,result,err){
    if(file == "da"){
        $.ajax({
            url: url,
            method: method,
            data: data,
            dataType: "json",
            contentType: false,
            processData: false,
            success: result,
            error: err
        });
    }else{
        $.ajax({
            url: url,
            method: method,
            data: data,
            dataType: "json",
            success: result,
            error: err
        });
    }
}
```



```

function registration(){
    var name, lastname, username, email, password, confpassword;

    name = $("#name");
    lastname = $("#lastname");
    username = $("#username");
    email = $("#email");
    password = $("#password");
    confpassword = $("#confpassword");

    errors = 0;
    regName = /^[A-ZŠĐČŽ][a-zšđžć]{2,}/;
    regEmail = /^[^\\s@]+@[^\\s@]+\\. [^\\s@]+$/;
    regPass = /^(?=.*[A-Za-z])(?=.*\\d)[A-Za-z\\d]{8,}$/;
    regUsername = /^[0-9A-Za-z]{6,16}$/;

    if(!regName.test(name.val())){
        errors++;
        name.addClass("border border-danger");
        $("#msgname").css("display", "block");
    }else{
        name.removeClass("border border-danger");
        $("#msgname").css("display", "none");
    }

    if(!regName.test(lastname.val())){
        errors++;
        lastname.addClass("border border-danger");
        $("#msglastname").css("display", "block");
    }else{
        lastname.removeClass("border border-danger");
        $("#msglastname").css("display", "none");
    }

    if(!regUsername.test(username.val())){
        errors++;
        username.addClass("border border-danger");
        $("#msgusername").css("display", "block");
    }else{
        username.removeClass("border border-danger");
        $("#msgusername").css("display", "none");
    }

    if(!regEmail.test(email.val())){
        errors++;

```

```

        email.addClass("border border-danger");
        $("#msgemail").css("display", "block");
    }else{
        email.removeClass("border border-danger");
        $("#msgemail").css("display", "none");
    }

    if(!regPass.test(password.val())){
        errors++;
        password.addClass("border border-danger");
        $("#msgpassword").css("display", "block");
    }else{
        password.removeClass("border border-danger");
        $("#msgpassword").css("display", "none");
    }

    if(password.val() != confpassword.val()){
        errors++;
        password.addClass("border border-danger");
        confpassword.addClass("border border-danger");
        $("#msgconfpassword").css("display", "block");
    }else{
        password.removeClass("border border-danger");
        confpassword.removeClass("border border-danger");
        $("#msgconfpassword").css("display", "none");
    }

    if(errors == 0){
        data = {
            fname:name.val(),
            lname:lastname.val(),
            user:username.val(),
            mail:email.val(),
            pass:password.val(),
            confirmpassword:confpassword.val()
        }

        ajaxCallBack("model/doregister.php","POST",data,"0",function(result){
            $("#message").html(`<p class="alert alert-success"
role="alert">${result.msg} <p>`);
        },function(err){
            console.log(err);
            $("#message").html(`<p class="alert alert-danger"
role="alert">${err.msg} <p>`);
        });
    }

```

```

    }
}

function login(){
    var loguser,logpass;

    loguser = $("#logusername");
    logpass = $("#logpassword");

    errors = 0;
    regPass = /^(?=.*[A-Za-z])(?=.*\d)[A-Za-z\d]{8,}$/;
    regUsername = /^[0-9A-Za-z]{6,16}$/;

    if(!regPass.test(logpass.val())){
        errors++;
    }
    if(!regUsername.test(loguser.val())){
        errors++;
    }

    if(errors == 0){
        data = {
            loginuser:loguser.val(),
            loginpassword:logpass.val()
        }

        ajaxCallBack("model/dologin.php","POST",data,"0",function(result){
            if(result.msg == "admin"){

                window.location.href =
"http://localhost/blogphp1/index.php?page=admin";
            }
            if(result.msg == "user"){
                window.location.href = "http://localhost/blogphp1/index.php";
            }
        });
    }else{
        document.getElementById("msssss").innerHTML = `
```

```
function insertArticle(){
    var title, category, text, image;

    title = $("#title");
    category = $("#category");
    text = $("#text");
    image = $("#image")[0].files[0];

    errors = 0;

    if(title.val() == ""){
        errors++;
        title.addClass("border border-danger");
        $("#msgtitle").css("display", "block");
    }else{
        title.removeClass("border border-danger");
        $("#msgtitle").css("display", "none");
    }
    if(text.val() == ""){
        errors++;
        text.addClass("border border-danger");
        $("#msgtext").css("display", "block");
    }else{
        text.removeClass("border border-danger");
        $("#msgtext").css("display", "none");
    }
    if(category.val() == "0"){
        errors++;
        category.addClass("border border-danger");
        $("#msgcategory").css("display", "block");
    }else{
        category.removeClass("border border-danger");
        $("#msgcategory").css("display", "none");
    }
    if(image == null){
        errors++;
        $("#msgimage").css("display", "block");
    }else{
        $("#msgimage").css("display", "none");
    }
    if(errors == 0){
        data = new FormData();
        data.append("title", title.val());
        data.append("category", category.val());
    }
}
```

```

        data.append("text", text.val());
        data.append("image", image);

        // console.log(data);
        ajaxCallBack("model/insertarticle.php","POST",data,"da",function(resu
lt){
            $("#msginsertarticle").html(`<p class="alert alert-success"
role="alert">${result.msg} <p>`);
            },function(err){
                $("#msginsertarticle").html(`<p class="danger alert-danger"
role="alert">${err.msg} <p>`);
            });
        }
    }

function postComment(){
    let comment,user,article;

    comment = $('#comment');
    user = $('#userid');
    article = $('#articleid');

    let errors = 0;

    if(comment.val() == ""){
        errors++;
        comment.addClass('border border-danger');
    }
    if(user.val() == ""){
        errors++;
    }
    if(article.val() == ""){
        errors++;
    }

    if(errors == 0){
        data = {
            comm:comment.val(),
            id:user.val(),
            artid:article.val()
        }

        ajaxCallBack("model/insertcomment.php","POST",data,"0",function(result){
            $('#commess').html(`<p class="alert alert-success"
role="alert">${result.msg} <p>`);

```

```

    },function(err){
        $('#commess').html(`
```

```

    if(id == ""){
        errors++;
    }

    if(errors == 0){
        if(img){
            data = new FormData();
            data.append("title", title.val());
            data.append("category", category.val());
            data.append("text", text.val());
            data.append("image", img);
            data.append("id", id.val());
            data.append("imgprev",imgprev.val());
            ajaxCallback("model/editartical.php","POST",data,"da",function(result
){
                document.getElementById("msgupdate").innerHTML = `
```

```
function deleteArtical(){
    let art = $("#articalid");
    console.log("asdasdssd");
    errors = 0;
    if(art.val() == ""){
        errors++;
    }

    if(errors == 0){
        data = {
            id:art.val()
        }

        ajaxCallBack("model/deleteartical.php","POST",data,"0",function(result){
            window.location.href =
"http://localhost/blogphp1/index.php?page=admin";
            $('#msg').html(`<p class="alert alert-success"
role="alert">${result.msg} <p>`);
        },function(err){
            $('#msgdeleteartical').html(`<p class="alert alert-danger"
role="alert">${err.msg} <p>`);
        });
    }
}

function deleteComment(){
    let comment = $("#commid");

    errors = 0;

    if(comment.val() == ""){
        errors++;
    }

    if(errors == 0){
        data = {
            id:comment.val()
        }

        ajaxCallBack("model/deletecomment.php","POST",data,"0",function(result){
            $('#deletecomm').html(`<p class="alert alert-success"
role="alert">${result.msg} <p>`);
        },function(err){
            $('#deletecomm').html(`<p class="alert alert-danger"
role="alert">${err.msg} <p>`);
        });
    }
}
```



```

    });
}
}

function contact(){
    let fname, lname, email, message, errors, regname, regemail;

    fname = $("#fname");
    lname = $("#lname");
    email = $("#email");
    message = $("#message");

    errors = 0;
    regname = /^[A-ZŠĐČŽ][a-zšđžć]{2,}/;
    regemail = /^[^\\s@]+@[^\\s@]+\\. [^\\s@]+$/;

    if(!regname.test(fname.val())){
        errors++;
        fname.addClass("border border-danger");
        $("#msgname").css("display", "block");
    }else{
        fname.removeClass("border border-danger");
        $("#msgname").css("display", "none");
    }
    if(!regname.test(lname.val())){
        errors++;
        lname.addClass("border border-danger");
        $("#msglname").css("display", "block");
    }else{
        lname.removeClass("border border-danger");
        $("#msglname").css("display", "none");
    }
    if(!regemail.test(email.val())){
        errors++;
        email.addClass("border border-danger");
        $("#msgemail").css("display", "block");
    }else{
        email.removeClass("border border-danger");
        $("#msgemail").css("display", "none");
    }
    if(message.val() == ""){
        errors++;
        message.addClass("border border-danger");
        $("#msgmsg").css("display", "block");
    }else{

```

```

        message.removeClass("border border-danger");
        $("#msgmsg").css("display", "none");
    }

    if(errors == 0){
        data = {
            fname:fname.val(),
            lname:lname.val(),
            email:email.val(),
            message:message.val()
        }

        ajaxCallBack("model/sendmessage.php","POST",data,"0",function(result){
            document.getElementById("msg").innerHTML = `
```

```

        $('#msgmessagedelete').html(`<p class="alert alert-danger"
role="alert">${err.msg} <p>`);
    });

}

}

function survey(){
    let ss = $("input[type='radio'][name=question]:checked").val();

    data = {
        answer:ss
    }
    ajaxCallBack("model/savesurvey.php","POST",data,"0",function(result){
        document.getElementById("msgquestion").innerHTML = `<p class="alert
alert-success" role="alert">${result.msg} <p>`;
    },function(err){
        document.getElementById("msgquestion").innerHTML = `<p class="alert
alert-danger" role="alert">${err.msg} <p>`;
    });
}

function insertCategory(){
    let categoryy, errors;
    categoryy = $("#insertcat");
    errors = 0;
    if(categoryy.val() == ""){
        errors++;
        categoryy.addClass("border border-danger");
    }else{
        categoryy.removeClass("border border-danger");
    }

    if(errors == 0){
        data = {
            category:categoryy.val()
        }
        console.log("asasasas");
        ajaxCallBack("model/insertcategory.php","POST",data,"0",function(result){
            document.getElementById("msgnewcat").innerHTML = `<p class="alert
alert-success" role="alert">${result.msg} <p>`;
        },function(err){
            document.getElementById("msgnewcat").innerHTML = `<p class="alert
alert-danger" role="alert">${err.msg} <p>`;
        });
    }
}

```

```
    });  
  }  
}
```