Visoka škola strukovnih studija za informacione i komunikacione tehnologije

DOKUMENTACIJA

Blog Application

https://github.com/Janko-Stojkovic/BlogApp

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1. Uvod

Korišćeni programski jezici

-Za izradu sajta korišćen je vanilla PHP, HTML, SASS/CSS, vanilla JavaScript/jQuery.
-Radno okruženje Visual Studio Code.

Opis funkcionalnosti:

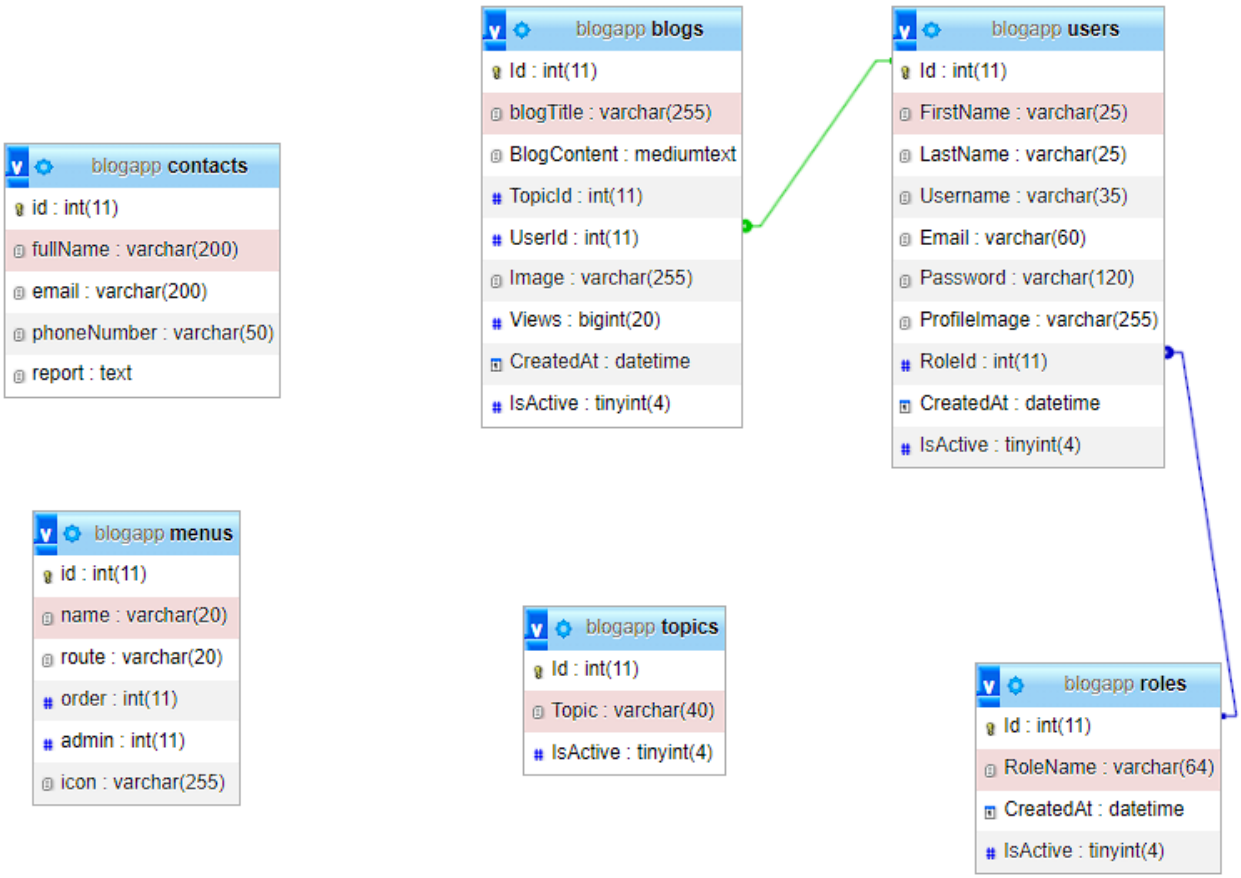
- Sajt predstavlja web aplikaciju namenjenu za blogovanje.
- Registracija I logovanje sa validacijom na klijentu I serveru
- Zaštita stranica
- Dinamičko ispisivanje menija, proizvoda i njihovih brendova
- Filtriranje blogova po temi pomoću ajax-a
- Uvid u bitne statistike sajta u dashboard-u
- Mogućnost upravljanja sadržajem sajta u dashboard-u

2. Organizacija

Organizaciona sema

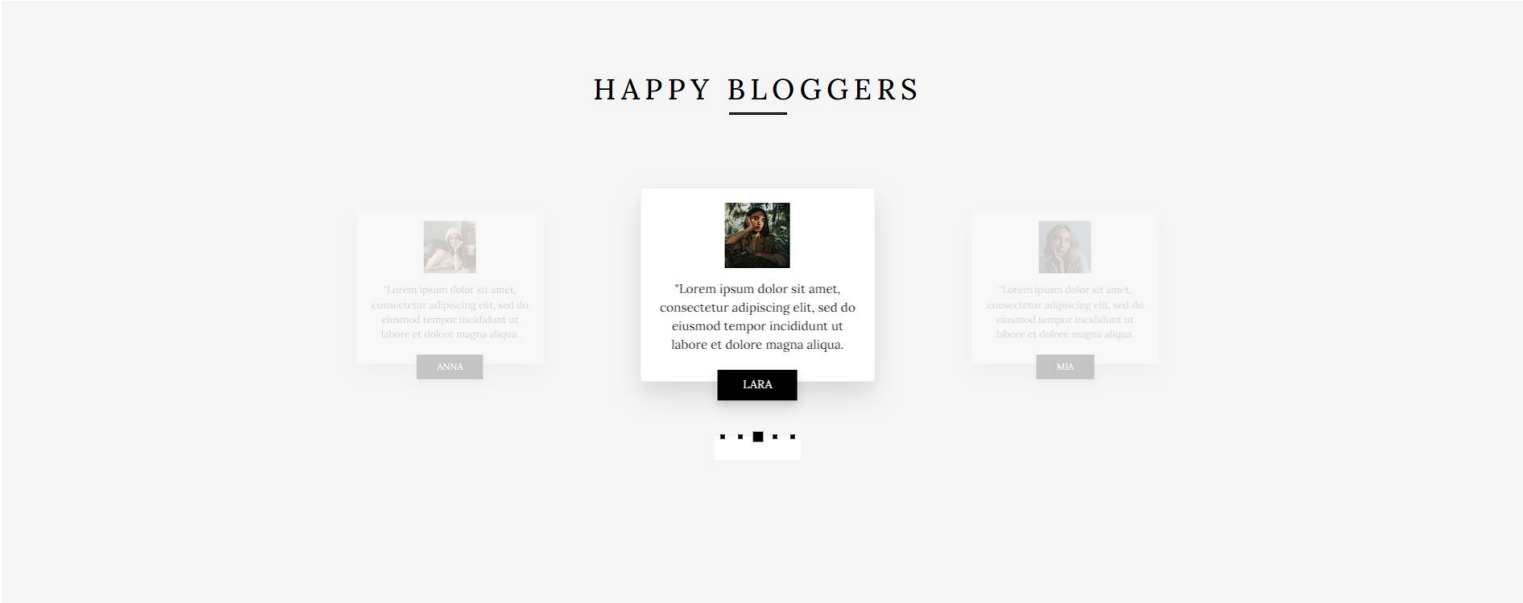
Sajt je multi page.

Dizajn Baze podataka

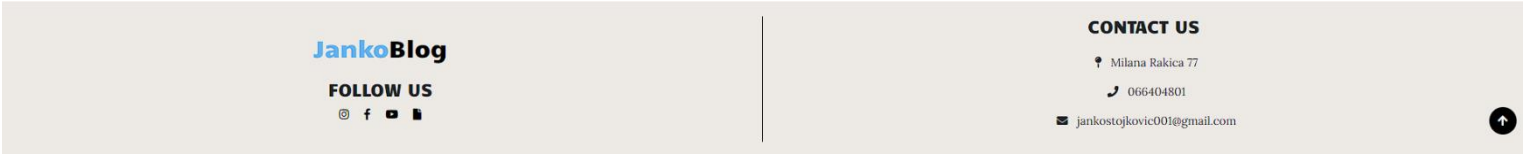


Slike stranica I opis funkcionalnosti

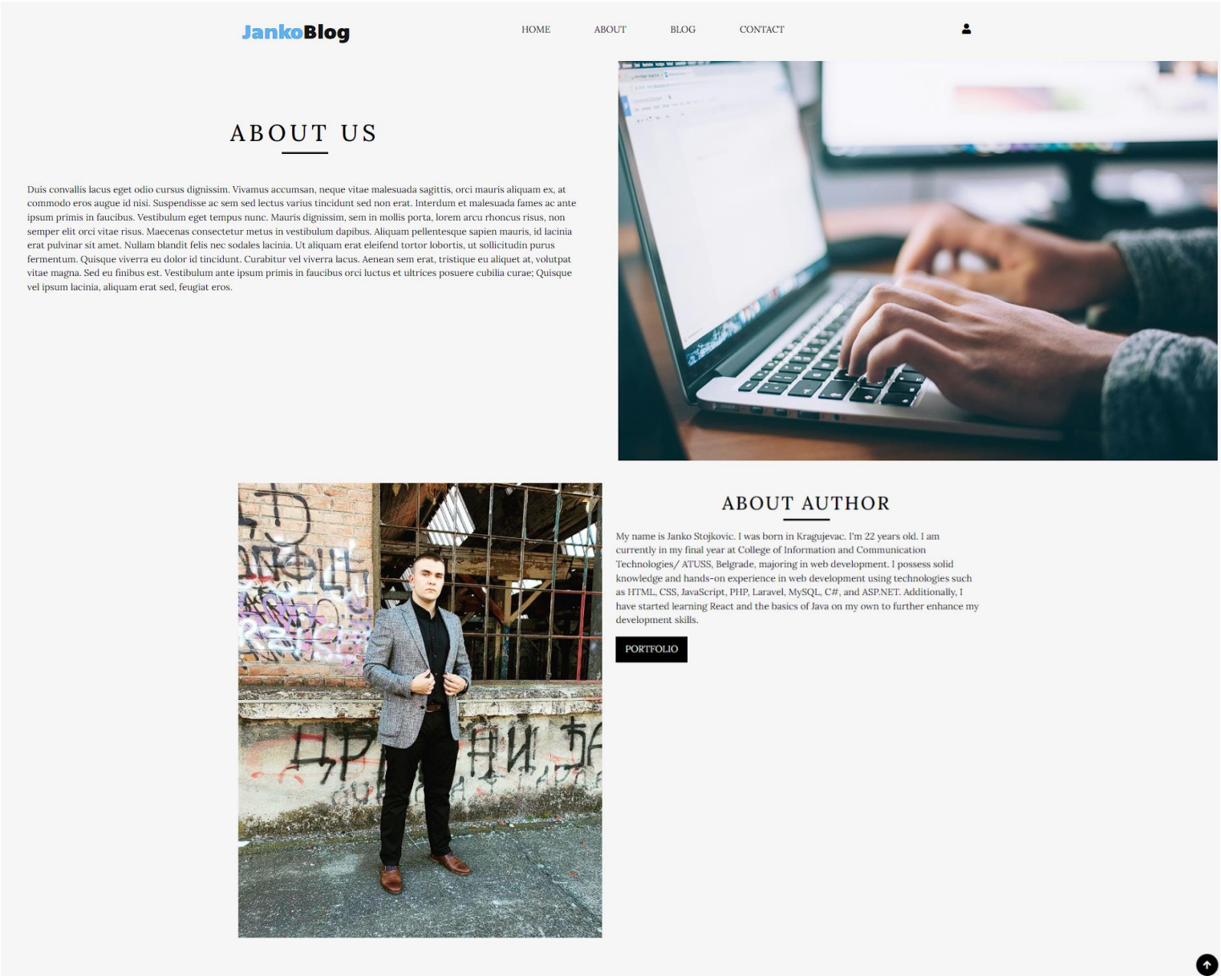
Header stranicesadrzi dinamicki prikazanu navigaciju ucitanu iz baze. Navbar na desnoj strani, ukoliko je korisnik ulogovan, hoverom preko ikonice “user” pojavljuje se username korisnika, dugme za dashboard i dugme za logout a ukoliko niko nije ulogovan klikom na ikonicu “user” se prebacujete na Login stranicu. Header je napravljen kao poseban fajl koji se ucitava na svim stranicama vezanim za klijenta



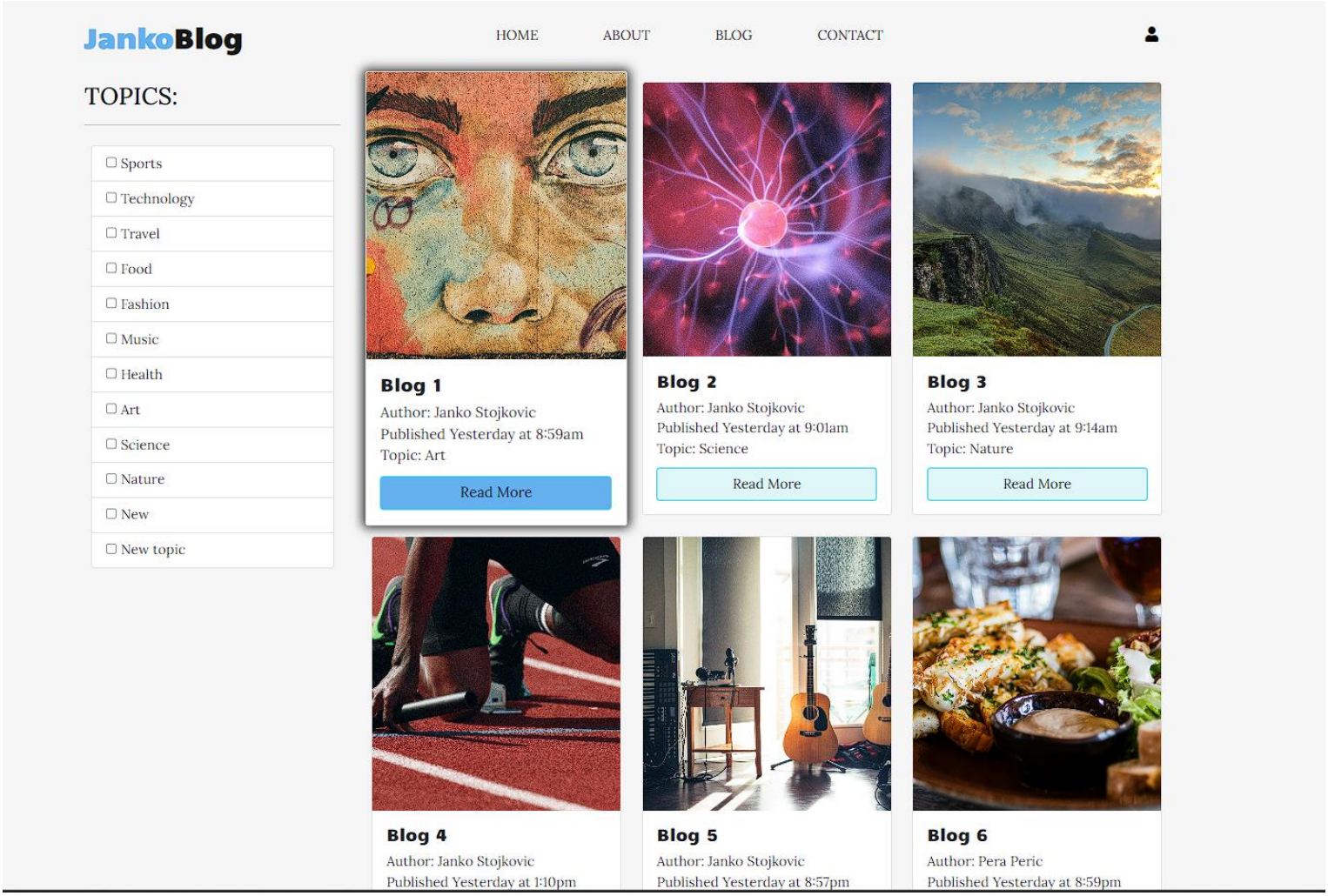
Deo za recencije. . Za izradu slajdera koriscen je owl carousel plugin.



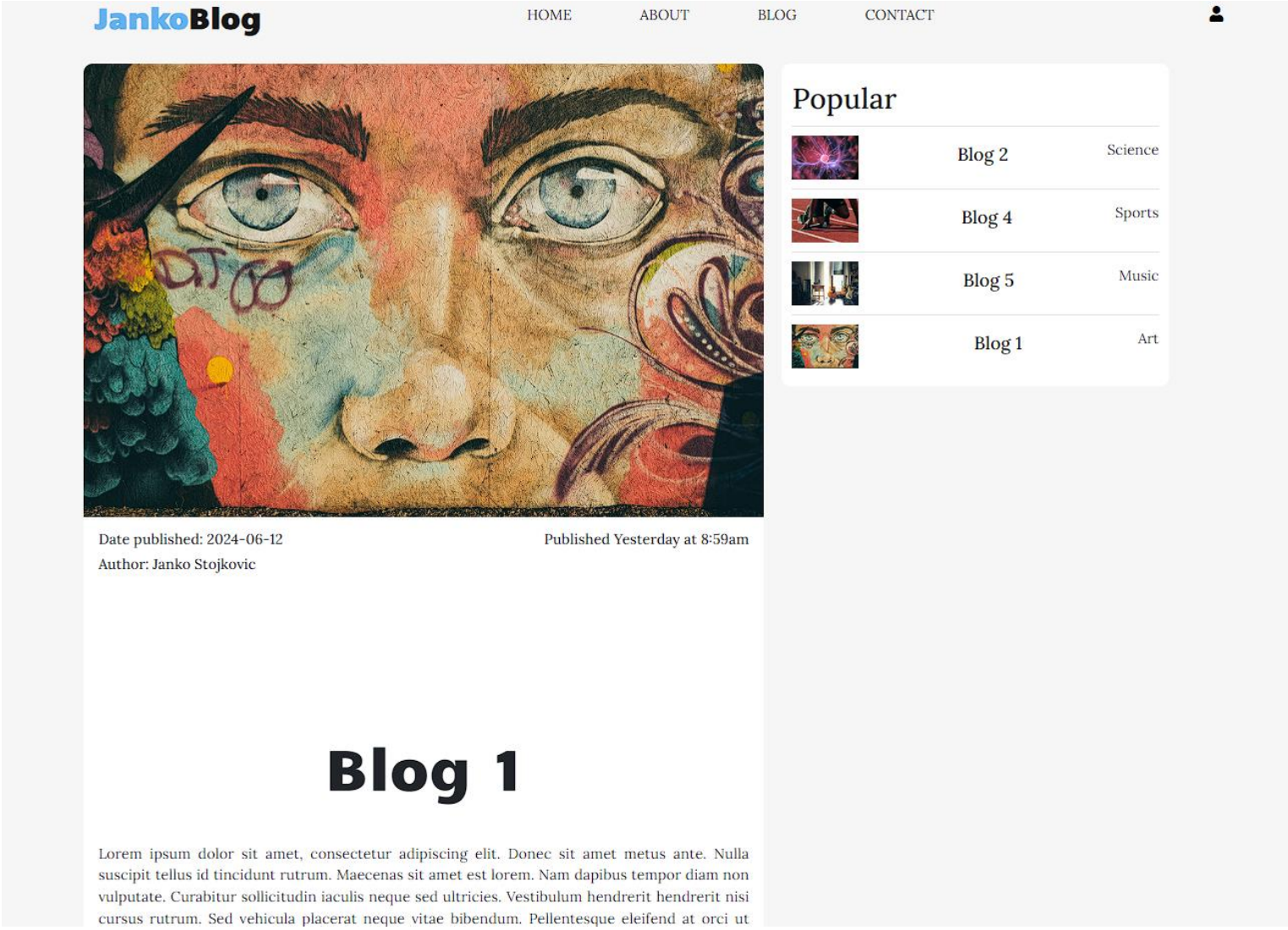
U footeru se nalaze linkovi za socijalne mreze kao I link koji vodi do dokumentacije I kontakt informacije. Takodje je i za footer napravljen poseban fajl koji se ucitava na svakoj stranici vezanoj za klijenta.



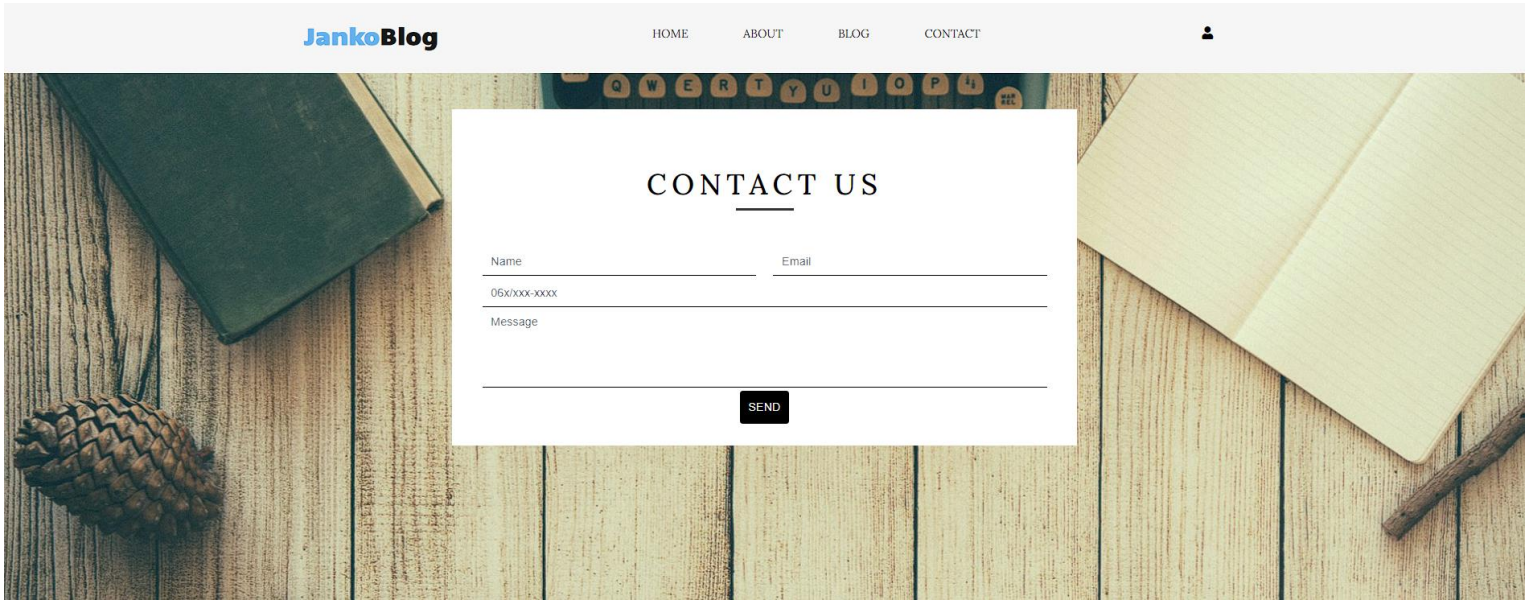
Na about stranici se nalazi nesto vise o blog sajtu (naravno u vidu Lorem Ipsum tekst) I deo za autora koji klikom na link vodi na portfolio autora.



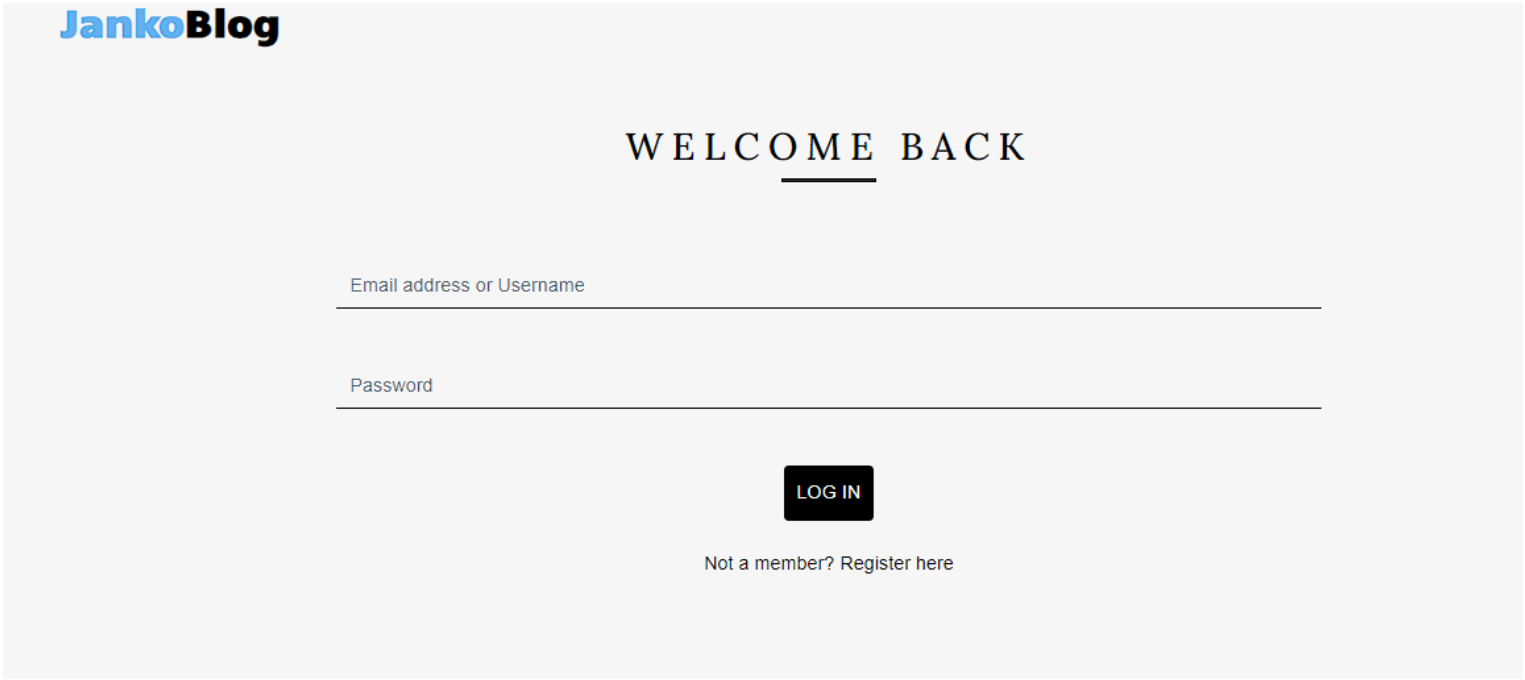
Blog stranica sadrzi dinamicki ucitane blogove iz baze kao I filtriranje . Klikom na neki od filtera, proizvodi se prikazuju. Ukoliko nema proizvoda po zadatim kriterijumima, prikazuje se obavestenje. Hoverom na neku blog karticu pojavljuje se box-shadow. Klikom na Read More otvara se nova stranica koja prikazuje nesto vise o blogu na kom je kliknuto dugme.

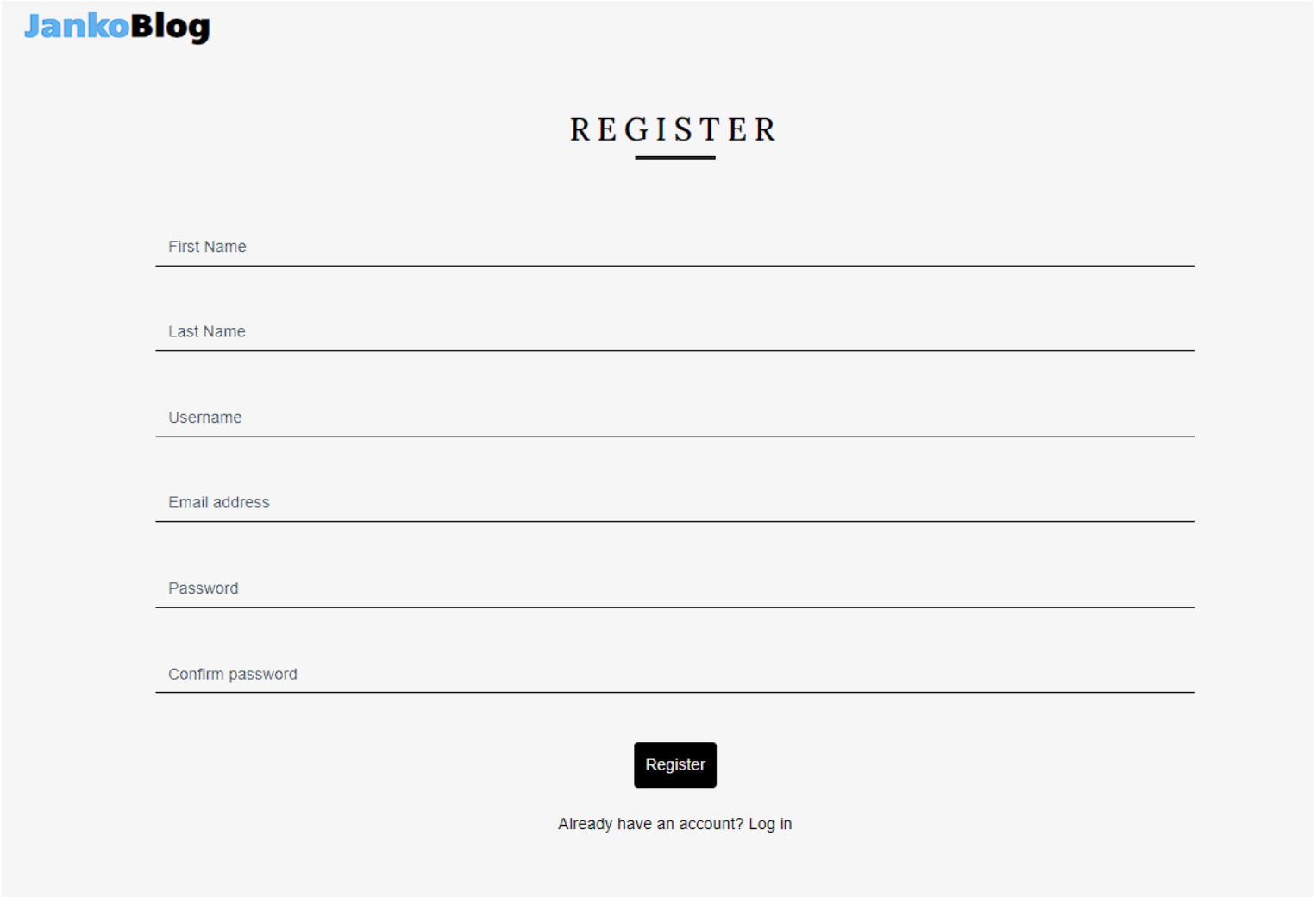


Ovo je blogContent stranica takodje se može nazvati I singleBlog stranica na njoj je prikazana slika bloga, datum kada je objavljen blog, pre koliko je objavljen, ko je autor tog bloga I naravno tekst. Na desnoj strani nalaze se popularni blogovi koji se izvlace iz baze I poređani su po broju pregleda. Broj pregleda se povecava svaki put kada neko poseti neki blog.

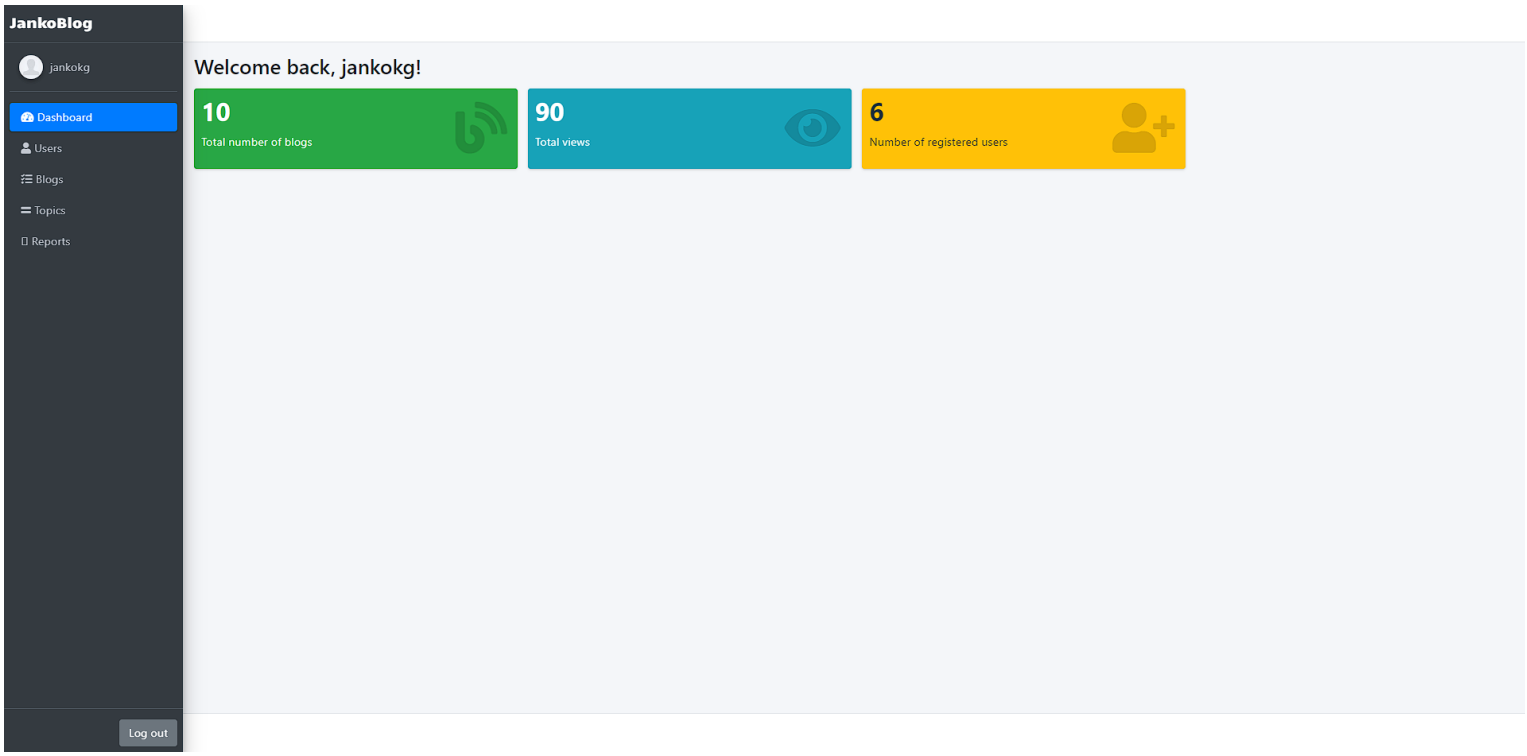


Contact stranica sadrzi formu koju svi korisnici mogu da popune. Submitovani podaci ce se naci u bazi u tabeli contacts.

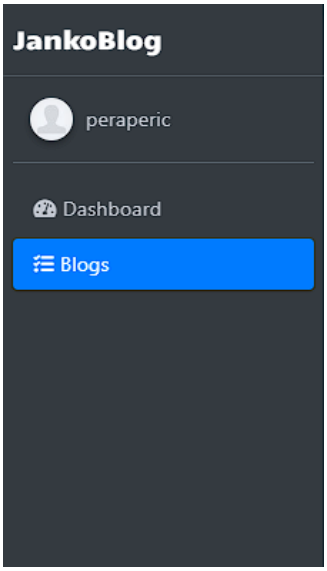




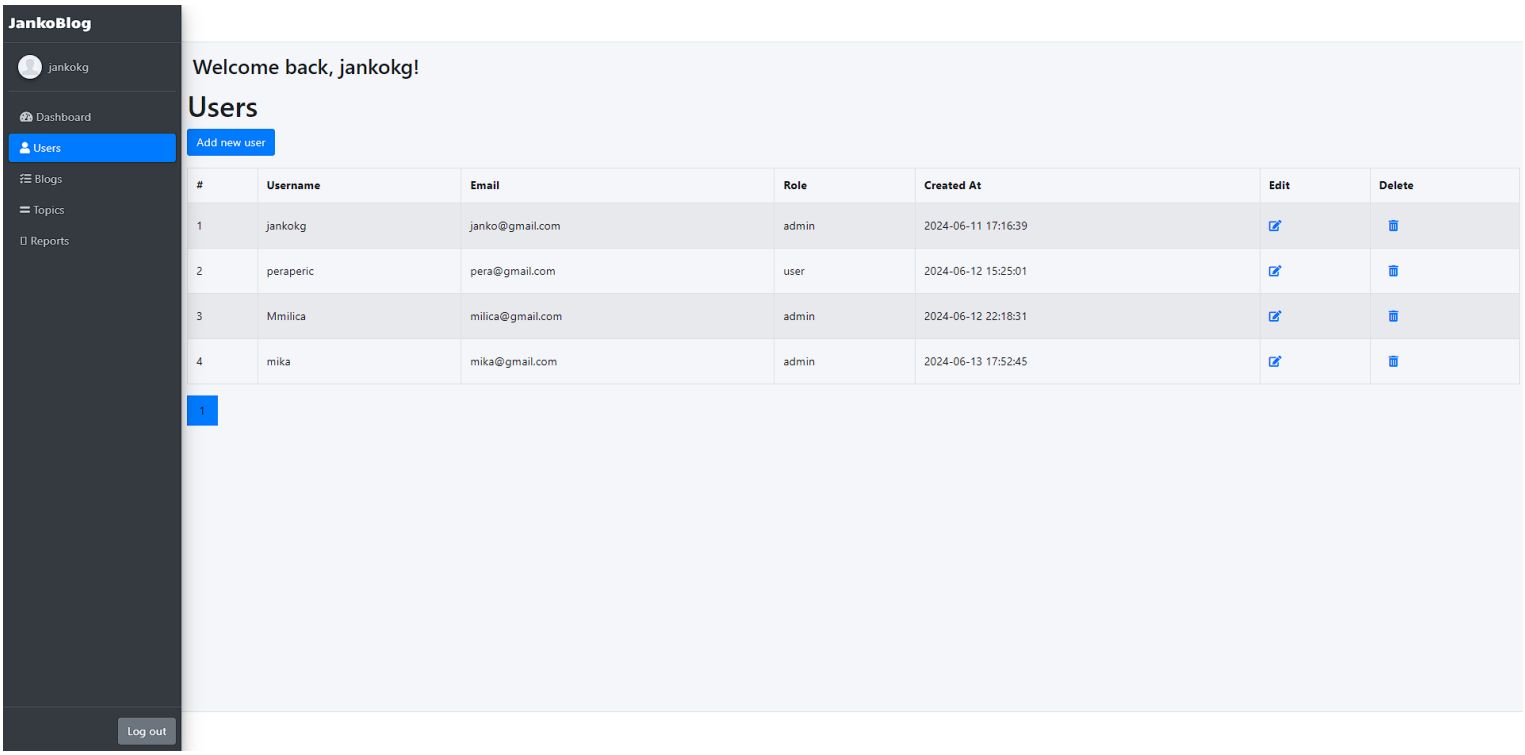
Login stranica I register stranica. Svi podaci se se salju u bazu I nalaze se u tabeli users. Korišćen je regex za validaciju podataka



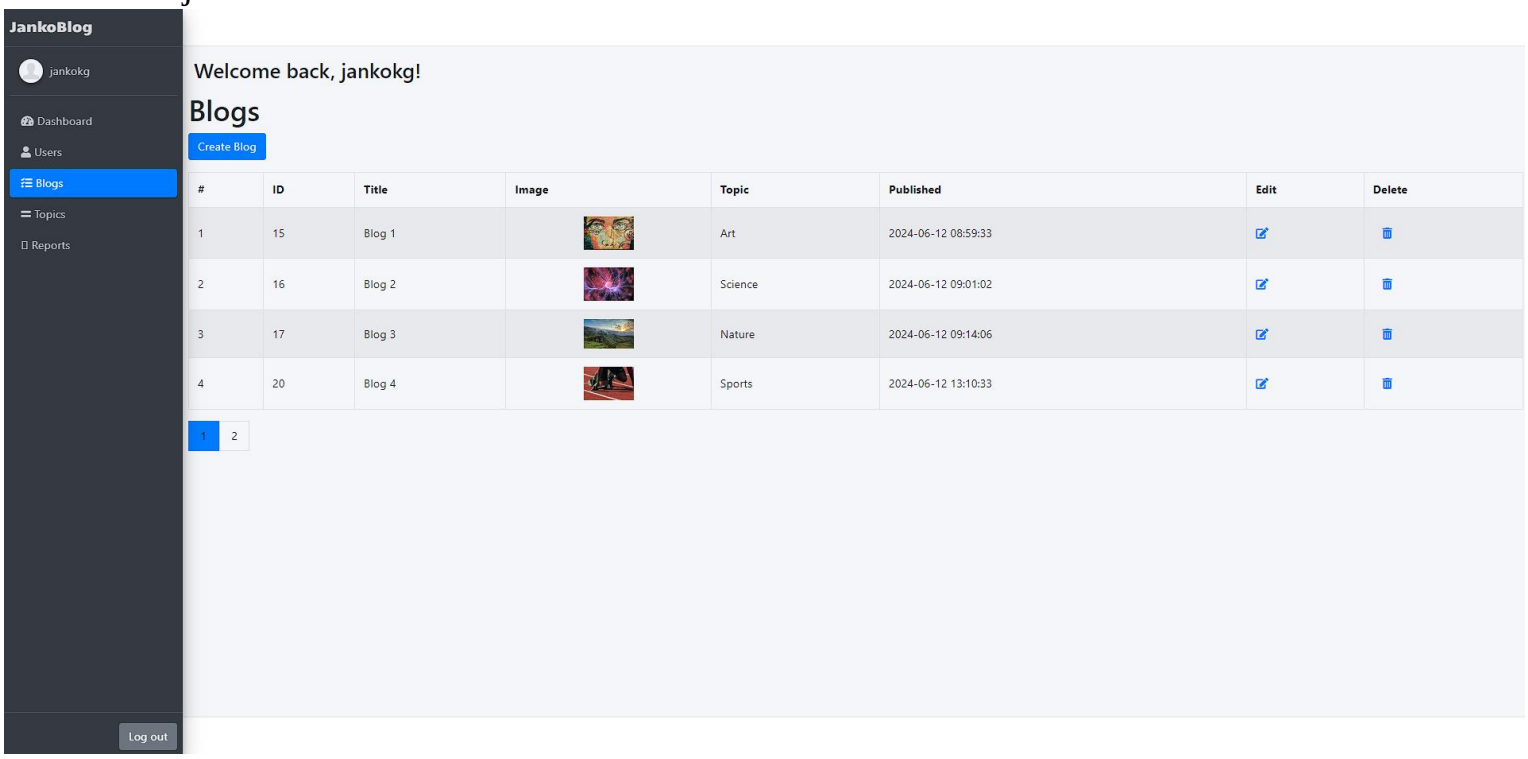
Ovo je pocetna stranica Dashboard-a. Tu se vodi evidencija o broju porudžbina,ukupnoj zaradi i broju registrovanih korisnika. Njoj mogu da pristupe svi korisnici koji su ulogovani.



Ovo je sidebar obicnog korisnika koji pristupi dashboard-u. za njega je omogucen samo pristup blogovima koje je on kreirao. Moze da ih edituje, brise I kreira nove blogove.



Ovde su ucitani svi korisnici iz baze. Omoguceno je brisanje, editovanje i dodavanje novih korisnika, isti je princip i za stranice Blogs, Topics I dok na Reports stranici omogućeno je samo brisanje



Na blogs stranici admini mogu videti sve blogove dok obicni korisnici mogu videti samo blogove koje su oni kreirali

3. Kodovi

Index.php

```
<?php
 include "config/session.php";

 include "includes/head.php";
 // include "includes/preloader.php";
 include "config/connection.php";
 include "includes/nav.php";

?>
<main>



  <!-- YOUR FAVORITES START -->
  <div class="container-fluid">
    <div class="row">
      <div class="col-12 banner_home">
        <div id="banner_home" class="mb-5">
          <h1 class="banner-title">Welcome To My Blog Application Project</h1>
        </div>
      </div>
    </div>
  </div>
  </div>
  <!-- YOUR FAVORITES END  -->
  <!-- TESTIMONIALS -->
  <section class="testimonials my-3">
    <div class="container">
      <div class="heading">
        <h1>HAPPY BLOGGERS</h1>
        <div class="underline"></div>
      </div>
      <div class="row">
        <div class="col-sm-12">
          <div id="customers-testimonials" class="owl-carousel">

            <!--TESTIMONIAL 1 -->
            <div class="item">
              <div class="shadow-effect">
                <img class="img-circle" src="assets/img/t1.jpg" alt="Testimonials 1." />
                <p>"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore
magna aliqua.</p>
              </div>
              <div class="testimonial-name">MONICA</div>
            </div>
```

```
                <!--END OF TESTIMONIAL 1 -->
                <!--TESTIMONIAL 2 -->
                <div class="item">
                  <div class="shadow-effect">
                    <img class="img-circle" src="assets/img/t2.jpg" alt="Testimonials 2." />
                    <p>"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
                  </div>
                  <div class="testimonial-name">ANNA</div>
                </div>
                <!--END OF TESTIMONIAL 2 -->
                <!--TESTIMONIAL 3 -->
                <div class="item">
                  <div class="shadow-effect">
                    <img class="img-circle" src="assets/img/t3.jpg" alt="Testimonials 3." />
                    <p>"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
                  </div>
                  <div class="testimonial-name">LARA</div>
                </div>
                <!--END OF TESTIMONIAL 3 -->
                <!--TESTIMONIAL 4 -->
                <div class="item">
                  <div class="shadow-effect">
                    <img class="img-circle" src="assets/img/t4.jpg" alt="Testimonials 4." />
                    <p>"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
                  </div>
                  <div class="testimonial-name">MIA</div>
                </div>
                <!--END OF TESTIMONIAL 4 -->
                <!--TESTIMONIAL 5 -->
                <div class="item">
                  <div class="shadow-effect">
                    <img class="img-circle" src="assets/img/t5.jpg" alt="Testimonials 5." />
                    <p>"Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua.</p>
                  </div>
                  <div class="testimonial-name">ELENA</div>
                </div>
                <!--END OF TESTIMONIAL 5 -->
              </div>
            </div>
          </div>
        </div>
    </section>
    <!-- END OF TESTIMONIALS -->
</main>
<?php
```

```
    include "includes/footer.php";
  ?>
```

About.php

```
<?php

 include "includes/head.php";
 // include "includes/preloader.php";
 include "config/connection.php";
 include "config/session.php";
 include "includes/nav.php";
?>
<main>
  <div class="container-fluid">
    <div class="row">
      <div class="col-12 col-md-6 about-text">
        <div class="heading">
          <h1>ABOUT US</h1>
          <div class="underline"></div>
        </div>

        <p>
        Duis convallis lacus eget odio cursus dignissim. Vivamus accumsan, neque vitae malesuada sagittis,
        orci mauris aliquam ex, at commodo eros augue id nisi. Suspendisse ac sem sed lectus varius tincidunt sed non erat.
        Interdum et malesuada fames ac ante ipsum primis in faucibus. Vestibulum eget tempus nunc.
        Mauris dignissim, sem in mollis porta, lorem arcu rhoncus risus, non semper elit orci vitae risus.
        Maecenas consectetur metus in vestibulum dapibus. Aliquam pellentesque sapien mauris, id lacinia erat pulvinar sit amet.
        Nullam blandit felis nec sodales lacinia. Ut aliquam erat eleifend tortor lobortis, ut sollicitudin purus fermentum.
        Quisque viverra eu dolor id tincidunt. Curabitur vel viverra lacus. Aenean sem erat, tristique eu aliquet at, volutpat vitae
magna.
        Sed eu finibus est. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia curae;
        Quisque vel ipsum lacinia, aliquam erat sed, feugiat eros.
        </p>
      </div>
      <div class="col-12 col-md-6 about-bg">
        <img src="assets/img/blogAbout.jpg" alt="About blog picture" class="img-fluid pb-5" />
      </div>
    </div>
  </div>
  <!-- END HEADER -->

  <!-- START AUTHOR -->
  <section>
    <div class="container">
      <div class="row mb-3">
        <div class="col-12 col-md-6">
          <img src="assets/img/about.jpeg" alt="Author's photo." class="img-fluid">
        </div>
```

```
            <div class="col-12 col-md-6">
              <div class="heading" style="margin: 15px; padding: 0; letter-spacing: 3px;">
                <h2>ABOUT AUTHOR</h2>
                <div class="underline mb-2"></div>
              </div>
              <p class="pl-2 w-100">
                My name is Janko Stojkovic. I was born in Kragujevac. I'm 22 years old.
                I am currently in my final year at College of Information and Communication Technologies/ ATUSS, Belgrade,
                majoring in web development. I possess solid knowledge and hands-on experience in web development using
technologies such as
                HTML, CSS, JavaScript, PHP, Laravel, MySQL, C#, and ASP.NET. Additionally,
                I have started learning React and the basics of Java on my own to further enhance my development skills.
              </p>
              <a href="https://janko-stojkovic.github.io/Portfolio/" target="_blank">
                <button type="button" class="mp-btn px-3 ml-1 mt-0">PORTFOLIO</button>
              </a>
            </div>
          </div>
        </div>
    </section>
    <!-- END AUTHOR -->
</main>
<?php
    include "includes/footer.php";
 ?>
```

Blog.php

```
<?php
include "config/session.php";
include "includes/head.php";
// include "includes/preloader.php";
include "config/connection.php";
include "includes/nav.php";
include "models/functions.php";


$topics = vratiSve('topics');

$blogovi = vratiBlogove();


?>
<main>
    <div class="container">
        <div class="row">
            <div class="col-lg-3">
                <h3>TOPICS:</h3>
                <hr />
```

```
        <!-- Sort -->

        <ul class="list-group p-2" id="topic">
            <?php
    foreach ($topics as $t) :
    ?>
            <li class="list-group-item">
                <input type="checkbox" value="<?= $t->Id ?>" class="taste" name="chkTop" />
                <?= $t->Topic ?>
            </li>
            <?php endforeach; ?>
        </ul>
        <!--TASTE-->

      </div>
      <!-- proizvodi -->
      <div class="col-lg-9">
        <div class="row" id="blogs">
            <?php
    if (count($blogovi) == 0)
      echo "<p class='alert alert-danger'>There are no products matching the given criteria.</p>";
    else {
    ?>
            <?php
      foreach ($blogovi as $b) :
    ?>
            <div class="col-lg-4 col-md-6 mb-4">
                <div class="card">
                    <a href="#"><img class="card-img-top img-fluid" src="assets/img/<?= $b->image ?>"
                            alt=""></a>
                    <div class="card-body">
                        <h4 class="card-title"><?= $b->title ?></h4>
                        <div class="d-flex justify-content-between flex-column">
                            <div class="name">
                                Author: <?= $b->firstName?> <?= $b->lastName?>

                            </div>
                            <div class="published">
                                Published <?= pretty_relative_time($b->published)?>
                            </div>
                            <div class="topic">
                                Topic: <?= $b->topic?>
                            </div>
                            <a class="btn btn-info" href="blogContent.php?blogId=<?= $b->blogId ?>">Read More</a>
                        </div>
                    </div>
                </div>
            </div>
            <?php endforeach; ?>
```

```
            <?php
        }
        ?>
            </div>
          </div>

      </div>
    </div>
    </div>
</main>
<!-- HTML -->


<?php
include "includes/footer.php";
?>
```

BlogContent.php

```
<?php
include "config/session.php";
include "includes/head.php";
include "config/connection.php";
include "includes/nav.php";
include "models/functions.php";
include "controllers/blogContentController.php";

?>

<main>
  <div class="container">
    <div class="row">
      <div class="card blogContentCard col-lg-7">
        <img class="card-img-top single-card-img" src="assets/img/<?= $blog->image ?>" alt="Card image cap">
        <div class="card-body under-image flex-row">
          <div class="col-lg-6">
            <h6>Date published: <?= $date ?></h6>
            <h6>Author: <?= $blog->firstName ?> <?= $blog->lastName ?></h6>
          </div>
          <div class="col-lg-6 under-image-right">
            <h6>Published <?= pretty_relative_time($blog->published) ?></h6>
          </div>
        </div>
        <div class="card-body">
        <h1 class="card-title single-card-title mb-5 text-center"><?= $blog->title ?></h1>
        <p class="card-text"><?= $blog->blog ?></p>

        </div>
```

```
        </div>
        <div class="right-sidebar col-lg-4">
          <div class="section popular">
            <h2 class="section-title">
              Popular
            </h2>
            <?php foreach($popularBlogs as $pb): ?>
            <div class="post clearfix">

              <a href="blogContent.php?blogId=<?= $pb->blogId ?>" class="img"> <img src="assets/img/<?= $pb->image ?>"
alt="" ></a>
              <a href="blogContent.php?blogId=<?= $pb->blogId ?>" class="title"><h5><?= $pb->title ?></h5></a>
              <p><?= $pb->Topic ?></p>
            </div>
            <?php endforeach; ?>

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

<?php
include "includes/footer.php";
?>
```

Contact.php

```
<?php
  include "config/session.php";

  include "includes/head.php";
  // include "includes/preloader.php";
  include "config/connection.php";
  include "includes/nav.php";
  include "models/functions.php";
  include "controllers/contactController.php";



?>
<main>
    <div id="contact-cover" class="text-center">
      <!-- CONTACT START -->
      <div class="container">
        <div class="row">
          <div class="col-md-8 col-md-offset-2 m-auto bg-contact">
            <div class="heading">
              <h1>CONTACT US</h1>
```

```
                <div class="underline"></div>
            </div>
            <form action="<?= $_SERVER["PHP_SELF"] ?>" method="POST" id="contactForm">
                <div class="row">
                    <div class="col-md-6">
                        <div class="form-group">
                            <input type="text" name="name" id="imePrezime" class="form-control contact-input"
                                placeholder="Name">
                            <span id="error-name"><?= error($errors,"name","danger") ?></span>

                        </div>
                    </div>
                    <div class="col-md-6">
                        <div class="form-group">
                            <input type="email" name="email" id="email" class="form-control contact-input"
                                placeholder="Email">
                            <span id="error-email"><?= error($errors,"email","danger") ?></span>

                        </div>
                    </div>
                    <div class="col-md-12">
                        <div class="form-group">
                            <input type="text" name="number" id="number" class="form-control contact-input"
                                placeholder="06x/xxx-xxxx">
                            <span id="error-number"><?= error($errors,"number","danger") ?></span>


                        </div>
                    </div>

                    <div class="col-md-12">
                        <div class="form-group">
                            <textarea name="message" id="message" class="form-control" rows="4"
                                placeholder="Message"></textarea>
                            <span id="error-message"><?= error($errors,"message","danger") ?></span>

                        </div>
                    </div>
                </div>
                <input type="submit" name="btnSubmitForm" value="SEND" class="mp-btn btn btn-default mt-1"
                    id="btnSubmitMessage" />
                <?= error($errors,"success","success") ?>
            </form>
        </div>
    </div>
</div>
<!-- CONTACT END -->
</div>
</main>
```

```php
<?php
  include "includes/footer.php";
 ?>
```

Login.php

```php
<?php
  include "config/session.php";

  include "includes/head.php";
  include "config/connection.php";
  include "controllers/loginController.php";


?>

<section class="w3l-banner-slider-main">
  <div class="top-header-content">
    <section class="hero" id="hero">
      <nav class="navbar navbar-expand-lg" id="navbar">
        <div class="container">
          <a class="navbar-brand" href="index.php">
            <span>Janko</span>Blog
          </a>
          <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav"
            aria-controls="navbarNav" aria-expanded="false" arialabel="Toggle navigation">
            <span class="navbar-toggler-icon"></span>
          </button>
        </div>
      </nav>
      <div class="heroText" id="log-in-cover">
        <div class="container text-center">
          <div class="col-8 col-md-offset-2 m-auto lr-form-section">
            <div class="heading">
              <h2>WELCOME BACK</h2>
              <div class="underline"></div>
            </div>

            <form class="p-3 loginForm" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST">
              <!-- Email input -->
              <div class="form-group mb-5">
                <input type="text" id="inputEmail" name="userEmail" class="form-control"
                  placeholder="Email address or Username">
              </div>
              <!-- Password input -->
              <div class="form-group mb-5">
                <input type="password" id="inputPassword" name="password" class="form-control"
                  placeholder="Password">
              </div>
```

```
                <!-- 2 column grid layout for inline styling -->
                <!-- Submit button -->
                <input name="btnSubmit" type="submit" class="btn mp-btn btnblock mb-4" value="LOG IN" />
                <!-- Register buttons -->
                <div class="text-center">
                    <p>Not a member? <a href="register.php">Register here</a></p>
                </div>
                <?php if($error): ?>
                <div class="alert alert-danger">
                    <?= $error ?>
                </div>
                <?php endif; ?>
            </form>
        </div>
    </div>
</div>

</section>
<!--/nav-->
<!--//nav-->
</div>
</section>
</body>
```

Logout.php

```
<?php
    include "config/session.php";

    $_SESSION["user"] = NULL;

    if($_SERVER["REQUEST_URI"] == "/sajt/pages/admin"){
        redirect("../client/index.php");
    }
    else{
        redirect("index.php");
    }
?>
```

Register.php

```
<?php
  include("includes/head.php");
  include("config/connection.php");
  include "config/session.php";
  include "models/functions.php";
  include "controllers/registerController.php";
?>
<!-- Template CSS -->
```

```
</head>

<body>
  <section class="w3l-banner-slider-main">
    <div class="top-header-content">
      <section class="hero" id="hero">
        <nav class="navbar navbar-expand-lg" id="navbar">
          <div class="container">
            <a class="navbar-brand logoLR" href="index.php">
              <strong>
                <span>Janko</span>Blog
              </strong>
            </a>
            <button class="navbar-toggler" type="button" data-bs-toggle="collapse"
              data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false"
              arialabel="Toggle navigation">
              <span class="navbar-toggler-icon"></span>
            </button>
          </div>
        </nav>
        <div class="heroText" id="register-cover">
          <div class="col-6 col-md-offset-2 m-auto lr-form-section">
            <div class="heading">
              <h2>REGISTER</h2>
              <div class="underline"></div>
            </div>
            <form class="p-3 loginForm" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST">
              <div class="form-group mb-5">
                <input type="text" id="inputFirstName" name="firstName" class="form-control"
                  placeholder="First Name" autofocus>
                <?= error($errors,"firstName","danger"); ?>
              </div>
              <div class="form-group mb-5">
                <input type="text" id="inputLastName" name="lastName" class="form-control"
                  placeholder="Last Name" autofocus>
                <?= error($errors,"lastName","danger"); ?>
              </div>
              <!-- Email input -->
              <div class="form-group mb-5">
                <input type="text" id="inputName" name="username" class="form-control"
                  placeholder="Username" autofocus>
                <?= error($errors,"username","danger"); ?>
              </div>
              <div class="form-group mb-5">
                <input type="email" id="inputEmail" name="email" class="form-control"
                  placeholder="Email address" autofocus>
                <?= error($errors,"email","danger"); ?>
              </div>
              <!-- Password input -->
```

```
                    <div class="form-group mb-5">
                        <input type="password" id="inputPassword" name="password" class="form-control"
                            placeholder="Password">
                        <?= error($errors,"password","danger"); ?>
                    </div>
                    <div class="form-group mb-5">
                        <input type="password" class="form-control font-small" id="confirmPassword"
                            name="confirmPassword" placeholder="Confirm password" />
                        <?= error($errors,"confirmPassword","danger"); ?>
                    </div>
                    <!-- 2 column grid layout for inline styling -->
                    <!-- Submit button -->
                    <input type="submit" name="submit" class="btn mp-btn btn-block mb-4" value="Register" />
                    <!-- Register buttons -->
                    <div class="text-center">
                        <p>Already have an account?<a href="login.php"> Log in</a></p>
                    </div>
                    <?= error($errors,"success","success"); ?>
                </form>
            </div>
        </div>
    </div>
  </section>
  <!--/nav-->
  <!--//nav-->
  </div>
  </section>
</body>
```

Pages/admin/dashboard.php

```
<!DOCTYPE html>
<html>

<head>
  <?php
  include('../../includes/admin/head.php');
  include("../../config/connection.php");
  include "../../config/session.php";
  authorize();
  include "../../controllers/dashboardController.php";

  ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
  <div class="wrapper">
    <?php
    include('../../includes/admin/nav.php');
```

```
    include('../../includes/admin/sidebar.php');
    ?>
    <div class="content-wrapper">
        <?php
        include "../../includes/admin/header.php";
        ?>
        <section class="content">
            <div class="container-fluid">
                <div class="row">
                    <?php foreach ($infoBoxes as $i) : ?>
                    <div class="col-lg-3 col-6">
                        <!-- small card -->
                        <div class="small-box <?= $i['colorClass'] ?>">
                            <div class="inner">
                                <h3><?= $i['value']?></h3>
                                <p><?= $i['text'] ?></p>
                            </div>
                            <div class="icon">
                                <i class="<?= $i['icon'] ?>"></i>
                            </div>
                        </div>
                    </div>
                    <?php endforeach; ?>
                </div>
            </div>
        </section>
    </div>
    <?php
    include "../../includes/admin/footer.php";
    ?>
  </div>
  <?php
  include "../../includes/admin/scripts.php";
  ?>
</body>

</html>
```

Pages/admin/index-users.php

```
<!DOCTYPE html>
<html>

<head>
  <?php
  include('../../includes/admin/head.php');
  include("../../config/connection.php");
  include "../../config/session.php";
  authorize();
```

```
    authorizeAdmin();
    include "../../controllers/indexUsersController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
            <section class="content">
                <h1>Users</h1>
                <a href="create-users.php" class="btn btn-primary mb-3">Add new user</a>
                <?php if (count($users) > 0) : ?>
                    <div class="table-responsive">
                        <table id="usersTable" class="table table-bordered table-striped">
                            <thead>
                                <tr>
                                    <th>#</th>
                                    <th>Username</th>
                                    <th>Email</th>
                                    <th>Role</th>
                                    <th class="large-column">Created At</th>
                                    <th>Edit</th>
                                    <th>Delete</th>
                                </tr>
                            </thead>
                            <tbody>
                                <?php foreach ($currentRecords as $key => $u) : ?>
                                    <tr>
                                        <td><?= $key + 1 ?></td>
                                        <td><?= $u->username ?></td>
                                        <td><?= $u->email ?></td>
                                        <td><?= $u->RoleName ?></td>
                                        <td><?= $u->CreatedAt ?></td>
                                        <td><a href="edit-users.php?userId=<?= $u->Id ?>"><i class="fas
fa-edit"></i></a></td>
                                        <td>
                                            <a href="delete-user.php?userId=<?= $u->Id ?>" class="delete_item btn btn-link"><i class="fa fa-trash"
aria-hidden="true"></i></a>
                                        </td>
                                    </tr>
                                <?php endforeach; ?>
                            </tbody>
```

```
                </table>
                <div class="pagination">
                    <?php for ($i = 1; $i <= $totalPages; $i++) : ?>
                        <a class="<?php if ($currentPage == $i) : ?>active<?php endif; ?>" href="?page=<?= $i ?>"><?= $i ?></a>
                    <?php endfor; ?>
                </div>
            </div>
        <?php else : ?>
        <?php endif; ?>
    </section>
</div>
<?php
include "../../includes/admin/footer.php";
?>
</div>
<?php
include "../../includes/admin/scripts.php";
?>
<script>
    const table = "usersTable";
</script>
</body>

</html>
```

Pages/admin/index-reports.php

```
<!DOCTYPE html>
<html>

<head>
    <?php
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    authorize();
    authorizeAdmin();
    include "../../controllers/indexReportsController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
```

```
        <section class="content">
          <h1>Reports</h1>
          <?php if (count($reports) > 0) : ?>
            <div class="table-responsive">
              <table id="foodTable" class="table table-bordered table-striped">
                <thead>
                  <tr>
                    <th>#</th>
                    <th>ID</th>
                    <th>Name</th>
                    <th>Email</th>
                    <th>Phone number</th>
                    <th>Report</th>
                    <th>Delete</th>
                  </tr>
                </thead>
                <tbody>
                  <?php foreach ($currentRecords as $key => $report) : ?>
                    <tr class="table-row-custom">
                      <td><?= $key + 1 ?></td>
                      <td><?= $report->id ?></td>
                      <td><?= $report->fullName ?></td>
                      <td><?= $report->email ?></td>
                      <td><?= $report->phoneNumber ?></td>
                      <td><?= $report->report ?></td>
                      <td>
                        <a href="delete-report.php?reportId=<?= $report->id ?>" class="btn btn-link"><i class="fa fa-trash" aria-
hidden="true"></i></a>
                      </td>
                    </tr>
                  <?php endforeach; ?>
                </tbody>
              </table>
              <div class="pagination">
                <?php for ($i = 1; $i <= $totalPages; $i++) : ?>
                  <a class="<?php if ($currentPage == $i) : ?>active<?php endif; ?>" href="?page=<?= $i ?>"><?= $i ?></a>
                <?php endfor; ?>
              </div>
            </div>
          <?php else : ?>
            <h2 class="d-flex justify-content-center mt-5">You have no reports</h2>
          <?php endif; ?>
        </section>
      </div>
      <?php
      include "../../includes/admin/footer.php";
      ?>
    </div>
    <?php
```

```
    include "../../includes/admin/scripts.php";
    ?>
    <script>
        const table = "usersTable";
    </script>
</body>

</html>
```

Pages/admin/index-blogs.php

```
<!DOCTYPE html>
<html>

<head>
    <?php
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    include "../../models/functions.php";
    authorize();
    include "../../controllers/indexBlogsController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
            <section class="content">
                <h1>Blogs</h1>
                <a href="create-blogs.php" class="btn btn-primary mb-3">Create Blog</a>
                <?php if($_SESSION['user']->roleId == 2): ?>
                    <?php if (count($blogs) > 0) : ?>
                    <div class="table-responsive">
                        <table id="foodTable" class="table table-bordered table-striped">
                            <thead>
                                <tr>
                                    <th>#</th>
                                    <th>ID</th>
                                    <th>Title</th>
                                    <th>Image</th>
```

```
                                        <th>Topic</th>
                                        <th>Published</th>
                                        <th>Edit</th>
                                        <th>Delete</th>
                                    </tr>
                                </thead>
                                <tbody>
                                    <?php foreach ($currentRecords as $key => $blog) : ?>
                                        <tr>
                                            <td><?= $key + 1 ?></td>
                                            <td><?= $blog->blogId ?></td>
                                            <td><?= $blog->title ?></td>
                                            <td>
                                                <div class="food-image">
                                                    <img class="img-fluid" src="../../assets/img/<?= $blog->image ?>"
alt="<?= $blog->title ?>" />
                                                </div>
                                            </td>
                                            <td><?= $blog->Topic ?></td>
                                            <td><?= $blog->published ?></td>
                                            <td><a href="edit-blogs.php?blogId=<?= $blog->blogId ?>"><i class="fas fa-
edit"></i></a></td>
                                            <td>
                                                <a href="delete-blog.php?blogId=<?= $blog->blogId ?>" class="btn btn-
link"><i class="fa fa-trash" aria-hidden="true"></i></a>
                                            </td>
                                        </tr>
                                    <?php endforeach; ?>
                                </tbody>
                            </table>
                            <div class="pagination">
                                <?php for ($i = 1; $i <= $totalPages; $i++) : ?>
                                    <a class="<?php if ($currentPage == $i) : ?>active<?php endif; ?>" href="?page=<?= $i
?>"><?= $i ?></a>
                                <?php endfor; ?>
                            </div>
                        </div>
                    <?php else : ?>
                        <h1>You Don`t Have Any Blogs</h1>
                    <?php endif; ?>
                <?php elseif($_SESSION['user']->roleId == 1): ?>
                    <?php if (count($blogsAdmin) > 0) : ?>
                        <div class="table-responsive">
                            <table id="foodTable" class="table table-bordered table-striped">
                                <thead>
                                    <tr>
                                        <th>#</th>
                                        <th>ID</th>
                                        <th>Title</th>
```

```
                                        <th>Image</th>
                                        <th>Topic</th>
                                        <th>Published</th>
                                        <th>Edit</th>
                                        <th>Delete</th>
                                    </tr>
                                </thead>
                                <tbody>
                                    <?php foreach ($currentRecordsAdmin as $key => $blog) : ?>
                                        <tr>
                                            <td><?= $key + 1 ?></td>
                                            <td><?= $blog->blogId ?></td>
                                            <td><?= $blog->title ?></td>
                                            <td>
                                                <div class="food-image">
                                                    <img class="img-fluid" src="../../assets/img/<?= $blog->image ?>"
alt="<?= $blog->title ?>" />
                                                </div>
                                            </td>
                                            <td><?= $blog->Topic ?></td>
                                            <td><?= $blog->published ?></td>
                                            <td><a href="edit-blogs.php?blogId=<?= $blog->blogId ?>"><i class="fas fa-
edit"></i></a></td>
                                            <td>
                                                <a href="delete-blog.php?blogId=<?= $blog->blogId ?>" class="btn btn-
link"><i class="fa fa-trash" aria-hidden="true"></i></a>
                                            </td>
                                        </tr>
                                    <?php endforeach; ?>
                                </tbody>
                            </table>
                            <div class="pagination">
                                <?php for ($i = 1; $i <= $totalPagesAdmin; $i++) : ?>
                                    <a class="<?php if ($currentPage == $i) : ?>active<?php endif; ?>" href="?page=<?= $i
?>"><?= $i ?></a>
                                <?php endfor; ?>
                            </div>
                        </div>
                    <?php else : ?>
                        <h1>There Is No Blogs Created</h1>
                    <?php endif; ?>
                <?php endif; ?>

                </section>
            </div>
            <?php
            include "../../includes/admin/footer.php";
            ?>
        </div>
```

```
    <?php
    include "../../includes/admin/scripts.php";
    ?>
    <script>
        const table = "usersTable";
    </script>
</body>

</html>
```

Pages/admin/index-topics.php

```
<!DOCTYPE html>
<html>

<head>
  <?php
  include('../../includes/admin/head.php');
  include("../../config/connection.php");
  include "../../config/session.php";
  authorize();
  authorizeAdmin();
  include "../../controllers/indexTopicsController.php";
  ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
  <div class="wrapper">
    <?php
    include('../../includes/admin/nav.php');
    include('../../includes/admin/sidebar.php');
    ?>
    <div class="content-wrapper">
      <?php
      include "../../includes/admin/header.php";
      ?>
      <section class="content">
        <h1>Topics</h1>
        <a href="create-topics.php" class="btn btn-primary mb-3">Add new topic</a>
        <?php if (count($topics) > 0) : ?>
          <div class="table-responsive">
            <table id="categoriesTable" class="table table-bordered table-striped">
              <thead>
                <tr>
                  <th>#</th>
                  <th>ID</th>
                  <th>Topic</th>
                  <th>Edit</th>
                  <th>Delete</th>
```

```
                    </tr>
                  </thead>
                  <tbody>
                    <?php foreach ($currentRecords as $key => $t) : ?>
                      <tr>
                        <td><?= $key + 1 ?></td>
                        <td><?= $t->Id ?></td>
                        <td><?= $t->Topic ?></td>
                        <td><a href="edit-topic.php?topicId=<?= $t->Id ?>"><i class="fas fa-edit"></i></a></td>
                        <td>
                          <a href="delete-topic.php?topicId=<?= $t->Id ?>" class="delete_itembtn btn-link" data-id="<?= $t->Id
?>"><i class="fa fa-trash" aria-hidden="true"></i></a>
                        </td>
                      </tr>
                    <?php endforeach; ?>
                  </tbody>
                </table>
                <div class="pagination">
                  <?php for ($i = 1; $i <= $totalPages; $i++) : ?>
                    <a class="<?php if ($currentPage == $i) : ?>active<?php endif; ?>" href="?page=<?= $i ?>"><?= $i ?></a>
                  <?php endfor; ?>
                </div>
              </div>
            <?php else : ?>
            <?php endif; ?>
      </div>
      </section>
    </div>
    <?php
    include "../../includes/admin/footer.php";
    ?>
    </div>
    <?php
    include "../../includes/admin/scripts.php";
    ?>
    <script>
      const table = "usersTable";
    </script>
</body>

</html>
```

Pages/admin/edit-users.php

```
<!DOCTYPE html>
<html>

<head>
  <?php
```

```
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    include "../../models/functions.php";
    authorize();
    authorizeAdmin();
    include "../../controllers/editUsersController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
            <section class="content">
                <h1>Edit user</h1>
                <form id="userForm" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST" class="standard-form">
                    <input type="hidden" name="userId" value="<?= $user->id ?>">
                    <div class="mb-3">
                        <label for="username">Username</label>
                        <input class="form-control" type="text" name="username" value="<?= $user->username ?>" id="username"
placeholder="Username" />
                        <?= error($errors, "username", "danger") ?>
                    </div>
                    <div class="mb-3">
                        <label for="email">Email</label>
                        <input class="form-control" type="email" name="email" id="email" value="<?= $user->email ?>"
placeholder="Email" />
                        <?= error($errors, "email", "danger"); ?>
                    </div>
                    <div class="mb-3">
                        <label for="password">Password</label>
                        <input class="form-control" type="password" name="password" id="password" placeholder="Password" />
                        <?= error($errors, "password", "danger") ?>
                    </div>
                    <div class="mb-3">
                        <label for="password">confirm Password</label>
                        <input class="form-control" type="password" name="confirmPassword" id="password" placeholder="Password" />
                        <?= error($errors, "confirmPassword", "danger") ?>
                    </div>

                    <div class="text-center">
                        <input id="btnSubmit" name="btnSubmit" class="btn btn-primary" type="submit" value="Submit" />
```

```
                    <?= error($errors, "success", "success") ?>
                </div>
            </form>
        </section>
    </div>
    <?php
    include "../../includes/admin/footer.php";
    ?>
</div>
<?php
include "../../includes/admin/scripts.php";
?>
<script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
<script>
    const edit = false;
</script>
<script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
<script>
    const table = "usersTable";
</script>
</body>

</html>
```

Pages/admin/edit-blogs.php

```
<!DOCTYPE html>
<html>

<head>
    <?php
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    include "../../models/functions.php";
    authorize();
    include "../../controllers/editBlogsController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
```

```
        <section class="content">
          <h1>Edit product</h1>
          <form class="standard-form" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST" enctype="multipart/form-data">
            <input type="hidden" name="blogId" value="<?= $blog->blogId ?>">
            <div class="mb-3">
              <label for="blogTitle" class="form-label">Blog Title</label>
              <input type="text" class="form-control" id="blogTitle" name="blogTitle" value="<?= $blog->title ?>" />
              <?= error($errors, "blogTitle", "danger") ?>
            </div>
            <div class="mb-3">
              <label for="$blog" class="form-label">Blog Content</label>
              <input type="text" class="form-control" id="blogContent" name="blogContent" value="<?= $blog->blog ?>" />
              <?= error($errors, "blogContent", "danger") ?>
            </div>
            <div class="mb-3">
              <label for="topicName" class="form-label">topic Name</label>
              <select id="topicId" class="form-control" name="topicId" value="<?= $blog->topic ?>">
                <option value="0">Choose...</option>
                <?php foreach ($topics as $t) : ?>
                  <option <?php if ($t->Id == $blog->topicId) : ?> selected <?php endif; ?> value="<?= $t->Id ?>"><?= $t->Topic
?></option>
                <?php endforeach; ?>
              </select>
              <?= error($errors, "topicId", "danger") ?>
            </div>

            <div class="mb-3">
              <label for="image" class="form-label">Image</label>
              <input type="file" id="image" name="image" />
              <?= error($errors, "image", "danger") ?>
            </div>

            <div class="container container-fluid">
              <div class="row">
                <img class="img img-fluid" style="max-width:33% !important;" src="../../assets/img/<?= $blog->image ?>">
              </div>
            </div>
            <div class="mt-5">
              <button type="submit" name="btnSubmit" class="btn btn-primary">Edit</button>
            </div>
          </form>
        </section>
      </div>
      <?php
      include "../../includes/admin/footer.php";
      ?>
    </div>
    <?php
    include "../../includes/admin/scripts.php";
```

```
    ?>
    <script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
    <script>
        const edit = false;
    </script>
    <script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
    <script>
        const table = "usersTable";
    </script>
</body>

</html>
```

Pages/admin/edit-topic.php

```
<!DOCTYPE html>
<html>

<head>
    <?php
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    include "../../models/functions.php";
    authorize();
    authorizeAdmin();
    include "../../controllers/editTopicController.php";
    ?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
        include('../../includes/admin/nav.php');
        include('../../includes/admin/sidebar.php');
        ?>
        <div class="content-wrapper">
            <?php
            include "../../includes/admin/header.php";
            ?>
            <section class="content">
                <h1>Edit topic</h1>
                <form id="categoryForm" action="<?= $_SERVER['PHP_SELF'] ?>" method="POST" class="standard-form">
                    <input type="hidden" name="topicId" value="<?= $topic->Id ?>">
                    <div class="mb-3">
                        <label for="name">Topic Name</label>
                        <input class="form-control" type="text" name="topicName" id="topicName" value="<?= $topic->Topic ?>"
placeholder="Name" />
                        <?= error($errors, "topicName", "danger") ?>
```

```
                </div>

                <div class="text-center">
                    <button type="submit" name="btnSubmit" class="btn btn-primary">Edit</button>
                    <?= error($errors, "success", "success") ?>
                </div>
            </form>
        </section>
    </div>
    <?php
    include "../../includes/admin/footer.php";
    ?>
  </div>
  <?php
  include "../../includes/admin/scripts.php";
  ?>
  <script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
  <script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
</body>

</html>
```

Pages/admin/delete-user.php

```
<?php
  include("../../config/connection.php");
  include "../../config/session.php";
  include "../../models/functions.php";

  authorizeAdmin();
  if(isset($_GET['userId'])){

        $query = "UPDATE users SET IsActive = 0 WHERE Id = :id";
        $stmt = $conn->prepare($query);
        $stmt->bindParam(":id",$_GET['userId']);
        $stmt->execute();
        header("Location:".explode("?",$_SERVER["HTTP_REFERER"])[0]."?success=Uspesno brisanje korisnika".
$_GET['userId']);


  }
  else{
    http_response_code(404);
    echo "<h1>PAGE NOT FOUND</h1>";
  }
?>
```

Pages/admin/delete-report.php

```php
<?php
   include("../../config/connection.php");
   include "../../config/session.php";
   include "../../models/functions.php";

   authorizeAdmin();
   if(isset($_GET['reportId'])){
      try{
         $query = "DELETE FROM `contacts` WHERE `id`=:idProduct";
         $stmt = $conn->prepare($query);
         $stmt->bindParam(":idProduct",$_GET['reportId']);
         $stmt->execute();
         header("Location:".explode("?",$_SERVER["HTTP_REFERER"])[0]."?success=Uspesno brisanje reporta".
$_GET['reportId']);
      }
      catch(PDOException $ex){
         header("Location:".explode("?",$_SERVER["HTTP_REFERER"])[0]."?error=Doslo je do greske prilikom brisanja");
      }
      }
      else{
         http_response_code(404);
         echo "<h1>PAGE NOT FOUND</h1>";
   }
?>
```

Pages/admin/delete-blog.php

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

   if(isset($_GET['blogId'])){
      try{
         $query = "UPDATE blogs SET IsActive = 0 WHERE `Id`=:idBlog";
         $stmt = $conn->prepare($query);
         $stmt->bindParam(":idBlog",$_GET['blogId']);
         $stmt->execute();
         header("Location:".explode("?",$_SERVER["HTTP_REFERER"])[0]."?success=Uspesno brisanje proizvoda".
$_GET['blogId']);
      }
      catch(PDOException $ex){
         header("Location:".explode("?",$_SERVER["HTTP_REFERER"])[0]."?error=Doslo je do greske prilikom brisanja");
      }
   }
   else{
      http_response_code(404);
      echo "<h1>PAGE NOT FOUND</h1>";
   }
```

```
?>
```

Pages/admin/create-users.php

```
<!DOCTYPE html>
<html>

<head>
   <?php
   include('../../includes/admin/head.php');
   include("../../config/connection.php");
   include "../../config/session.php";
   include "../../models/functions.php";
   authorize();
   authorizeAdmin();
   include "../../controllers/createUsersController.php";
?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
   <div class="wrapper">
      <?php
include('../../includes/admin/nav.php');
include('../../includes/admin/sidebar.php');
?>
      <div class="content-wrapper">
         <?php
include "../../includes/admin/header.php";
?>
         <section class="content">
            <h1>Add new user</h1>
            <form id="userForm" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST" class="standard-form"
enctype="multipart/form-data">
               <div class="mb-3">
                  <label for="firstName">First Name</label>
                  <input class="form-control" type="text" name="firstName" id="firstName" placeholder="First Name" />
                  <?= error($errors,"firstName","danger") ?>
               </div>
               <div class="mb-3">
                  <label for="lastName">Last Name</label>
                  <input class="form-control" type="text" name="lastName" id="lastName" placeholder="Last Name" />
                  <?= error($errors,"lastName","danger") ?>
               </div>
               <div class="mb-3">
                  <label for="username">Username</label>
                  <input class="form-control" type="text" name="username" id="username" placeholder="Username" />
                  <?= error($errors,"username","danger") ?>
               </div>
               <div class="mb-3">
```

```
                <label for="email">Email</label>
                <input class="form-control" type="email" name="email" id="email" placeholder="Email" />
                <?= error($errors,"email","danger"); ?>
            </div>
            <div class="mb-3">
                <label for="password">Password</label>
                <input class="form-control" type="password" name="password" id="password"
                    placeholder="Password" />
                <?= error($errors,"password","danger") ?>
            </div>
            <div class="mb-3">
                <label for="password">confirm Password</label>
                <input class="form-control" type="password" name="confirmPassword" id="password"
                    placeholder="Password" />
                <?= error($errors,"confirmPassword","danger") ?>
            </div>
            <div class="mb-3">
                <label for="role">Role</label>
                <select class="form-control" name="role" id="role">
                    <?php foreach($roles as $r): ?>
                    <option <?php if($r->RoleName === 'user'): ?> selected <?php endif; ?>
                        value="<?= $r->Id ?>"><?= $r->RoleName ?></option>
                    <?php endforeach; ?>
                </select>
            </div>
            <div class="mb-3">
                <label for="image" class="form-label">Image</label>
                <input type="file" id="image" name="image" />
                <?= error($errors,"image","danger") ?>
            </div>
            <div class="text-center">
                <input id="btnSubmit" name="btnSubmit" class="btn btn-primary" type="submit" value="Submit" />
                <?= error($errors,"success","success") ?>
            </div>
        </form>
    </section>
</div>
<?php
include "../../includes/admin/footer.php";
?>
</div>
<?php
include "../../includes/admin/scripts.php";
?>
<script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
<script>
const edit = false;
</script>
<script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
```

```
    <script>
    const table = "usersTable";
    </script>
</body>

</html>
```

Pages/admin/create-blogs.php

```
<!DOCTYPE html>
<html>

<head>
    <?php
    include('../../includes/admin/head.php');
    include("../../config/connection.php");
    include "../../config/session.php";
    include "../../models/functions.php";
    authorize();
    include "../../controllers/createBlogController.php";
?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
include('../../includes/admin/nav.php');
include('../../includes/admin/sidebar.php');
?>
        <div class="content-wrapper">
            <?php
include "../../includes/admin/header.php";
?>
            <section class="content">
                <h1>Add new product</h1>
                <form class="standard-form" action="<?= $_SERVER["PHP_SELF"] ?>" method="POST"
                    enctype="multipart/form-data">
                    <div class="mb-3">
                        <label for="name" class="form-label">Blog Title</label>
                        <input type="text" class="form-control" id="name" name="blogTitle" value="" />
                        <?= error($errors,"blogTitle","danger") ?>
                    </div>
                    <div class="mb-3 d-flex flex-column">
                        <label for="price" class="form-label">Blog Content</label>
                        <textarea name="blogContent" id="blogContent"></textarea>
                    </div>
                    <div class="mb-3">
                        <label for="occasionName" class="form-label">Topic</label>
                        <select id="topicId" class="form-control" name="topicId">
```

```
                    <option value="0">Choose...</option>
                    <?php foreach($topics as $t): ?>
                    <option value="<?= $t->Id ?>"><?= $t->Topic ?></option>
                    <?php endforeach; ?>
                </select>
                <?= error($errors,"topicId","danger") ?>
            </div>

            <div class="mb-3">
                <label for="image" class="form-label">Image</label>
                <input type="file" id="image" name="image" />
                <?= error($errors,"image","danger") ?>
            </div>
            <div>
                <button type="btnSubmit" name="btnSubmit" class="btn btn-primary">Add</button>
                <?= error($errors,"success","success") ?>
            </div>
        </form>
    </section>
</div>
<?php
include "../../includes/admin/footer.php";
?>
</div>
<?php
include "../../includes/admin/scripts.php";
?>
<script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
<script>
const edit = false;
</script>
<script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
<script>
const table = "usersTable";
</script>
</body>

</html>
```

Pages/admin/create-topics.php

```
<!DOCTYPE html>
<html>

<head>
<?php
include('../../includes/admin/head.php');
include("../../config/connection.php");
include "../../config/session.php";
include "../../models/functions.php";
```

```
    authorize();
    authorizeAdmin();
    include "../../controllers/createTopicsController.php";
?>
</head>

<body class="hold-transition sidebar-mini layout-fixed">
    <div class="wrapper">
        <?php
include('../../includes/admin/nav.php');
include('../../includes/admin/sidebar.php');
?>
        <div class="content-wrapper">
            <?php
include "../../includes/admin/header.php";
?>
            <section class="content">
                <h1>Add new topic</h1>
                <form id="categoryForm" action="<?= $_SERVER['PHP_SELF'] ?>" method="POST" class="standard-form">
                    <div class="mb-3">
                        <label for="name">Topic name</label>
                        <input class="form-control" type="text" name="topicName" id="topicName"
                            placeholder="Name" />
                        <?= error($errors,"topicName","danger") ?>
                    </div>

                    <div class="text-center">
                        <input id="btnSubmit" name="btnSubmit" class="btn btn-primary" type="submit" value="Submit" />
                        <?= error($errors,"success","success") ?>
                    </div>
                </form>
            </section>
        </div>
        <?php
include "../../includes/admin/footer.php";
?>
    </div>
    <?php
include "../../includes/admin/scripts.php";
?>
    <script src="{{ asset('assets/js/form-validation.min.js') }}"></script>
    <script src="{{ asset('assets/js/admin/products.min.js') }}"></script>
</body>

</html>
```

Includes/admin/head.php

```
<meta charset="utf-8">
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
<title>JankoBlog | Dashboard</title>
<link rel="icon" href="../../assets/images/logo.png"/>
<!-- Google Font: Source Sans Pro -->
<link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link href="https://fonts.googleapis.com/css2?family=Candal&family=Lora:ital,wght@0,400..700;1,400..700&display=swap"
rel="stylesheet">
<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/admin-lte@3.1/dist/css/adminlte.min.css">
<script src="https://kit.fontawesome.com/b246e96d93.js" crossorigin="anonymous"></script>
<!-- Font Awesome -->
<!-- {{--<link rel="stylesheet" href="{{ asset('assets/vendor/AdminLTE/plugins/fontawesomefree/css/all.css') }}">--}} -->
<link rel="stylesheet" href="../../assets/css/admin.min.css">
```

Includes/admin/header.php

```
<section class="content-header">
   <div class="container-fluid">
      <h1>Welcome back, <?= $_SESSION["user"]->username ?>!</h1>

   </div>
</section>
```

Includes/admin/footer.php

```
<footer class="main-footer">
   <div class="float-right d-none d-sm-block">

   </div>
</footer>
```

Includes/admin/nav.php

```
<!-- Navbar -->
<nav class="main-header navbar navbar-expand navbar-white navbar-light">
   <ul class="navbar-nav ml-auto">
      <li class="nav-item">
         <a class="nav-link" data-widget="fullscreen" href="#" role="button">
         </a>
      </li>
   </ul>
</nav>
<!-- /.navbar -->
```

Includes/admin/scripts.php

```
<script src="https://cdn.jsdelivr.net/npm/admin-lte@3.1/dist/js/adminlte.min.js"></script>
<script src="https://code.jquery.com/jquery-3.6.0.js" crossorigin="anonymous"></script>
```

```
<script src="https://kit.fontawesome.com/b246e96d93.js" crossorigin="anonymous"></script>
<script src="../../assets/js/main.js"></script>
```

Includes/admin/sidebar.php

```
<aside class="main-sidebar main-sidebar-custom sidebar-dark-primary elevation-4">
  <?php
  include "../../controllers/sideBarController.php";
  ?>
  <!-- Brand Logo -->
  <a href="../../index.php" class="brand-link">
    <span class="brand-text font-weight-light"><span>Janko</span>Blog</span>
  </a>
  <!-- Sidebar -->
  <div class="sidebar">
    <!-- Sidebar user (optional) -->
    <div class="user-panel mt-3 pb-3 mb-3 d-flex">
      <div class="image">
        <img src="../../assets/img/<?= $_SESSION["user"]->profileImage ?>" class="img-circle elevation-2" alt="User Image">
      </div>
      <div class="info">
        <a href="#!" class="d-block"><?= $_SESSION["user"]->username ?></a>
      </div>
    </div>
    <!-- Sidebar Menu -->
    <nav class="mt-2">
      <ul class="nav nav-pills nav-sidebar flex-column" data-widget="treeview" role="menu" data-accordion="false">
        <!-- Add icons to the links using the .nav-icon class
with font-awesome or any other icon font library -->
        <?php if($_SESSION['user']->roleId == 2): ?>
          <?php foreach ($menuUser as $n) : ?>
            <li class="nav-item">
              <a href="<?= $n->route ?>" class="nav-link <?php if ($file == $n->route) : ?> active <?php endif; ?>">
                <i class="<?= $n->icon ?>"></i>
                <p><?= $n->name ?></p>
              </a>
            </li>
          <?php endforeach; ?>
        <?php elseif ($_SESSION['user']->roleId == 1): ?>
          <?php foreach ($menuAdmin as $n) : ?>
            <li class="nav-item">
              <a href="<?= $n->route ?>" class="nav-link <?php if ($file == $n->route) : ?> active <?php endif; ?>">
                <i class="<?= $n->icon ?>"></i>
                <p><?= $n->name ?></p>
              </a>
            </li>
          <?php endforeach; ?>
        <?php endif; ?>
        </ul>
```

```
        </nav>
        <!-- /.sidebar-menu -->
    </div>
    <!-- /.sidebar -->
    <div class="sidebar-custom">
        <form action="../../logout.php" method="GET">
            <a href="../../index.php" class="btn btn-link"><i class="fas fa-sign-outalt"></i></a>
            <input type="submit" class="btn btn-secondary hide-on-collapse pos-right" value="Log out" />
        </form>
        <!-- {{-- <a href="{{ route('logout') }}" class="btn btn-secondary hide-oncollapse">Log out</a>--}}
{{-- <a href="#" class="btn btn-secondary hide-on-collapse pos-right">Help</a>--}} -->
    </div>
    <!-- /.sidebar-custom -->
</aside>
```

Includes/head.php

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>JankoBlog</title>
    <meta name="keywords" content=" " />
    <link rel="shortcut icon" href="assets/img/logoShortcut.png" />
    <!--Bootstrap CSS-->
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-
1BmE4kWBq78iYhFldvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3" crossorigin="anonymous" />
    <!-- AOS -->
    <link href="https://unpkg.com/aos@2.3.1/dist/aos.css" rel="stylesheet" />
    <!-- Font awesome 5 -->
    <script src="https://kit.fontawesome.com/d66833be4d.js" crossorigin="anonymous"></script>

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

    <link rel="stylesheet" href="assets/css/responsive.css" type="text/css" />
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link href="https://fonts.googleapis.com/css2?family=Candal&family=Lora:ital,wght@0,400..700;1,400..700&display=swap"
rel="stylesheet">
    <!-- jQuery -->
    <script src="https://cdnjs.cloudflare.com/ajax/libs/jquery/2.1.3/jquery.min.js"></script>
    <script src="https://cdnjs.cloudflare.com/ajax/libs/moment.js/2.30.1/moment.min.js" integrity="sha512-
QoJS4DOhdmG8kbbHkxmB/rtPdN62cGWXAdAFWWJPvUFF1/zxcPSdAnn4HhYZSIlVoLVEJ0LesfNlusgm2bPfnA=="
crossorigin="anonymous"></script>
    <!-- JavaScript -->
    <script src="assets/js/main.js" defer></script>
```

```
  <!--Owl Carousel-->
  <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.0.0-beta.3/assets/owl.carousel.min.css">
  <link rel="stylesheet" type="text/css" href="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.0.0-beta.3/assets/owl.theme.default.min.css">
</head>

<body>
```

Includes/nav.php

```
<header>
 <?php
 $menuQuery = "SELECT * from menus where admin = 0";
 $menu = $conn->query($menuQuery)->fetchAll();

 ?>
 <div class="container">
  <div class="row">
   <div class="col-12">
    <nav class="navbar navbar-expand-lg navbar-light my-3">
     <div class="container-fluid">
      <a class="navbar-brand" href="index.php"><span>Janko</span>Blog</a>
      <button class="navbar-toggler" type="button" data-bs-toggle="collapse" data-bs-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">
       <span class="navbar-toggler-icon"></span>
      </button>
      <div class="collapse navbar-collapse" id="navbarNav">
       <ul class="navbar-nav m-auto align-items-center" id="navMenu">
        <?php foreach ($menu as $m) : ?>
         <li class="nav-item active">
          <a class="nav-link" href="<?= $m->route ?>"><?= $m->name ?></a>
         </li>
        <?php endforeach; ?>


       </ul>
       <?php if (isset($_SESSION["user"])) : ?>

        <span class="ms-3 me-3 dropdown" style="display: block;">
         <i class="fa fa-user"></i>
         <div class="dropdown-content flex-column">
          <h5 class="username">
           <?= $_SESSION["user"]->username ?>
          </h5>
          <a href="pages/admin/dashboard.php" class="cart-icon">
           <h5>Dashboard</h5>
          </a>
```

```
            <a href="logout.php" class="cart-icon"><h5>Logout</h5></a>
           </div>
          </span>
         <?php else : ?>
          <li class="text-center">
           <a href="login.php" class="ms-3 me-3 dropdown nav-icon">
            <i class="fas fa-solid fa-user"></i>
           </a>
          </li>

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

Includes/footer.php

```
<footer id="footer">
 <div class="container-fluid bg-fw">
  <div class="row footer align-items-center" id="footerFields">
   <div class="col-lg-6 col-md-12 footer_fields">
    <a href="index.php" class="footerLogo"><h2><span>Janko</span>Blog</h2></a>
    <h4 class="mt-4">FOLLOW US</h4>
    <a href="https://www.instagram.com/" target="_blank"><i class="fa fa-brands fa-instagram mx-2"></i></a>
    <a href="https://www.facebook.com/" target="_blank"><i class="fa fa-brands fa-facebook mx-2"></i></a>
    <a href="https://www.youtube.com/" target="_blank"><i class="fa fa-brands fa-youtube mx-2"></i></a>
    <a href="Documentation.pdf" target="_blank"><i class="fa fa-solid fa-file mx-2"></i></a>
   </div>

   <div class="col-lg-6 col-md-12 footer_fields" style="border-left: 1px solid black">
    <h4 class="mb-4">CONTACT US</h4>
    <p>
     <i class="fa fa-solid fa-map-pin px-2"></i>
     Milana Rakica 77
    </p>
    <p>
     <i class="fa fa-solid fa-phone px-2"></i>
     066404801
    </p>
    <p>
     <i class="fa fa-solid fa-envelope px-2"></i>
     jankostojkovic001@gmail.com
    </p>
   </div>
  </div>
```

```
  </div>
  <button onclick="topFunction()" id="movetop" title="Go to top" style="display: block;">
    <span class="fa fa-solid fa-arrow-up" aria-hidden="true"></span>
  </button>

</footer>
        <!-- Bootstrap JS -->
        <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js" integrity="sha384-
ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IlRH9sENBO0LRn5q+8nbTov4+1p" crossorigin="anonymous"></script>
        <!-- JQUERY -->
        <script src="https://code.jquery.com/jquery-3.6.0.min.js"
        integrity="sha256-/xUj+3OJU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4="
        crossorigin="anonymous"></script>
        <!--Owl Carousel-->
        <script src="https://cdnjs.cloudflare.com/ajax/libs/OwlCarousel2/2.3.4/owl.carousel.min.js" integrity="sha512-
bPs7Ae6pVvhOSiIcyUClR7/q2OAsRiovw4vAkX+zJbw3ShAeeqezq50RIIcIURq7Oa20rW2n2q+fyXBNcU9lrw=="
crossorigin="anonymous" referrerpolicy="no-referrer"></script>
</body>
</html>
```

Config/connection.php

```
<?php
    define("SERVER", "localhost");
    define("DATABASE", "BlogApp");
    define("USERNAME", "root");
    define('PASSWORD', '');

    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();
    }

?>
```

Config/session.php

```
<?php
session_start();
function authorize()
{
    if (!isset($_SESSION["user"])) {
        redirect("../../index.php");
    }
}
```

```php
function authorizeAdmin(){
    if($_SESSION["user"]->roleId != 1){
        redirect("../../pages/admin/dashboard.php");
    }
}

function redirect($url)
{
    header("Location: " . $url);
}
?>
```

Models/filter_products.php

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

$idsTopic = isset($_POST['idsTopic']) ? $_POST['idsTopic'] : [];

try {
    if (empty($idsTopic)) {
        $proizvodi = vratiBlogove();
    } else {
        $proizvodi = [];

        // Poveži tabele korišćenjem INNER JOIN-a
        $upit = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, b.TopicId as topicId, u.FirstName as firstName,
                u.LastName as lastName, u.username, b.CreatedAt as published, b.Image as image, t.Topic as topic
                 from blogs as b
                 inner join users as u on b.UserId = u.Id
                 inner join topics as t on b.TopicId = t.Id
                 WHERE ";

        $whereClauses = [];

        // Dodaj uslove za svaki odabrani TOPIC
        if (!empty($idsTopic)) {
            $topicConditions = implode(',', array_fill(0, count($idsTopic), '?'));
            $whereClauses[] = "b.TopicId IN ($topicConditions)";
        }

        // Spoji sve uslove
        $upit .= implode($whereClauses);

        $stmt = $conn->prepare($upit);

        // Bindovanje parametara
```

```
        for ($i = 0; $i < count($idsTopic); $i++) {
            $stmt->bindValue($i + 1, $idsTopic[$i], PDO::PARAM_INT);
        }

        // Izvrši upit
        $stmt->execute();

        // Dohvati rezultate
        $proizvodi = $stmt->fetchAll(PDO::FETCH_ASSOC);
    }
} catch(PDOException $exception){
    http_response_code(500);
}

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



?>
```

Models/functions.php

```
<?php
    // funkcija za citanje podataka iz baze
    function vratiSve($nazivTabele){
        global $conn;
        $upit = "SELECT * FROM $nazivTabele";
        $podaci = $conn-> query($upit)->fetchAll();
        return $podaci;
    }


    // funkcija za spajanje tabela(JOIN)
    function vratiBlogove(){
        global $conn;
        $upit = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, u.FirstName as firstName,
u.LastName as lastName,
                u.username, b.TopicId as topicId, t.Topic, b.CreatedAt as published, b.Image as image, t.Topic as topic
                from blogs as b
                inner join users as u on b.UserId = u.Id
                inner join topics as t on b.TopicId = t.Id
                where b.IsActive = 1";
        $podaci = $conn->query($upit)->fetchAll();
        return $podaci;
    }

    function error($errors, $name, $alert){
```

```
        if(isset($errors[$name])){
            echo "<div class='mt-2 alert alert-".$alert."'>". $errors[$name] ."</div>";
        }
        else{
            echo "";
        }
    }


    function value($post, $value){
        if(isset($post[$value])){
            echo $post[$value];
        }
        else{
            echo "";
        }
    }

    function pretty_relative_time($time) {
        if ($time !== intval($time)) { $time = strtotime($time); }
        $d = time() - $time;
        if ($time < strtotime(date('Y-m-d 00:00:00')) - 60*60*24*3) {
        $format = 'F j';
        if (date('Y') !== date('Y', $time)) {
       $format .= ", Y";
        }
        return date($format, $time);
        }
        if ($d >= 60*60*24) {
        $day = 'Yesterday';
        if (date('l', time() - 60*60*24) !== date('l', $time)) { $day = date('l', $time); }
        return $day . " at " . date('g:ia', $time);
        }
        if ($d >= 60*60*2) { return intval($d / (60*60)) . " hours ago"; }
        if ($d >= 60*60) { return "about an hour ago"; }
        if ($d >= 60*2) { return intval($d / 60) . " minutes ago"; }
        if ($d >= 60) { return "about a minute ago"; }
        if ($d >= 2) { return intval($d) . " seconds ago"; }
        return "a few seconds ago";
       }

?>
```

Controllers/loginController.php

```
<?php
$error = "";
if(isset($_POST["btnSubmit"])){
    $userEmail = $_POST["userEmail"];
```

```
    $password = md5($_POST["password"]);
    $query = "SELECT u.Id as userId, u.FirstName as firstName, u.LastName as lastName, u.Username as username, u.Email as email,
u.Password as password,
            u.ProfileImage as profileImage, u.RoleId as roleId, u.CreatedAt as createdAt, u.IsActive
            from users as u inner join roles as r on u.RoleId = r.Id
            WHERE(email = :userEmail OR userName = :userEmail) AND password = :password AND u.IsActive = :IsActive";
    $stmt = $conn->prepare($query);
    $stmt->execute(
          [
             ":userEmail" => $userEmail,
             ":password" => $password,
             ":IsActive" => 1
          ]
       );
    $user = $stmt->fetch();
    if(!$user){
       $error = "There is no user with that username or password";
    }
    else{
    $_SESSION["user"] = $user;
       header("Location:blog.php");
    }
}
if(isset($_SESSION["user"])){
    redirect("index.php");
}
?>
```

Controllers/registerController.php

```
<?php
$errors = [];
if(isset($_POST['submit'])){
    $firstName = $_POST['firstName'];
    $lastName = $_POST['lastName'];
    $username = $_POST['username'];
    $password = md5($_POST['password']);
    $email = $_POST['email'];
    $role_id = 2;
    $IsActive = 1;
    $emailQuery = "SELECT * from users WHERE email = :email AND IsActive = 1";
    $stmt = $conn->prepare($emailQuery);
    $stmt->execute(
    [
    ":email" => $email
    ]
    );
    $userEmail = $stmt->fetch();
    $usernameQuery = "SELECT * from users WHERE username = :username";
```

```
$stmt = $conn->prepare($usernameQuery);
$stmt->execute(
    [
        ":username" => $username
    ]
);
$userUsername = $stmt->fetch();
if(!trim($firstName)){
    $errors['firstName'] = "First Name field can`t be empty";
}
if(!trim($lastName)){
    $errors['lastName'] = "Last Name field can`t be empty";
}
if($userUsername){
    $errors['username'] = "Username is already taken";
}
else if(!trim($username)){
    $errors['username'] = "Username field can`t be empty";
}
if($userEmail){
    $errors['email'] = "Email is already taken";
}
else if(!trim($email)){
    $errors['email'] = "Email field can`t be empty";
}
else {
    if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
        $errors["email"] = "Email is not valid";
    }
}
if($_POST['confirmPassword'] != $_POST['password']){
    $errors['confirmPassword'] = "Passwords do not match";
}
else if(!trim($password)){
    $errors['password'] = "Password field can`t be empty";
}
else if(!trim($_POST['confirmPassword'])){
    $errors['confirmPassword'] = "Confirm password field must match with password
    field";
}
else{
};
if(count($errors)!=0){
    echo "";
}
else{
    $errors['success']="You registered successfully";
    $insertUserQuery = "INSERT INTO users (FirstName, LastName, username, email, password, RoleId, CreatedAt, IsActive)
    VALUES (:firstName, :lastName, :username, :email, :password, :RoleId, :createdAt, :IsActive)";
```

```
        $stmt = $conn->prepare($insertUserQuery);
        $stmt->execute([
            ":firstName"=>$firstName,
            ":lastName"=>$lastName,
            ":username" => $username,
            ":email" => $email,
            ":password" => $password,
            ":RoleId" => $role_id,
            ":createdAt" => date('Y-m-d H:i:s'),
            "IsActive" => $IsActive
        ]);
    }
}
?>
```

Controllers/blogContentController.php

```
<?php
$idBlog = $_GET['blogId'];
$blogQuery = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, u.FirstName as firstName,
u.LastName as lastName,
                    u.username, b.TopicId as topicId, t.Topic, b.CreatedAt as published, b.Image as image
                from blogs as b
                inner join users as u on b.UserId = u.Id
                inner join topics as t on b.TopicId = t.Id
                WHERE b.id = :id";

$stmt = $conn->prepare($blogQuery);
$stmt ->execute([
    ":id" => $idBlog
]);
$blog = $stmt->fetch();

$dateTime = new DateTime($blog->published);

$date = $dateTime->format('Y-m-d');


$updateViewsQuery = "UPDATE blogs SET Views = Views + 1 WHERE Id = :idBlog";
$stmt = $conn->prepare($updateViewsQuery);
$stmt->execute([
    ":idBlog" => $idBlog
]);


$popularBlogsQuery = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, u.FirstName as
firstName, u.LastName as lastName,
                    u.username, b.TopicId as topicId, t.Topic, b.CreatedAt as published, b.Image as image, b.Views as views
                from blogs as b
```

```
            inner join users as u on b.UserId = u.Id
            inner join topics as t on b.TopicId = t.Id
            ORDER By views DESC
            LIMIT 4";

$stmt= $conn->query($popularBlogsQuery);
$popularBlogs = $stmt->fetchAll();

?>
```

Controllers/dashboardController.php

```
<?php
$totalViewsQuery = "SELECT sum(blogs.Views) as totalViews
FROM blogs";
$stmt = $conn->prepare($totalViewsQuery);
$stmt->execute();
$totalViews = $stmt->fetch(PDO::FETCH_ASSOC);
$usersQuery = "SELECT * from users";
$users = $conn->query($usersQuery)->fetchAll();
$blogQuery = "SELECT * from blogs";
$blogs = $conn->query($blogQuery)->fetchAll();
$infoBoxes = [
   [
      "value" => count($blogs),
      "text" => "Total number of blogs",
      "colorClass" => "bg-success",
      "icon" => "fa fa-blog"

   ],
   [
      "value" => $totalViews['totalViews'],
      "text" => "Total views",
      "colorClass" => "bg-info",
      "icon" => "fas fa-solid fa-eye"
   ],
   [
      "value" => count($users),
      "text" => "Number of registered users",
      "colorClass" => "bg-warning",
      "icon" => "fas fa-user-plus"
   ]

];
?>
```

Controllers/contactController.php

```
<?php
```

```
$errors = [];
if (isset($_POST["btnSubmitForm"])){
  $name = $_POST["name"];
  $email = $_POST["email"];
  $phoneNumber = $_POST["number"];
  $message = $_POST["message"];
if(!trim($name)){
  $errors["name"] = "Name field can't be empty";
}
else{
  $reName = "/^[A-Z][a-z]{2,}(\s[A-Z][a-z]{2,})+$/";
if(!preg_match($reName,$name)){
  $errors["name"] = "Name is not valid (First name plus Last name)";
}
}
if(!trim($email)){
  $errors["email"] = "Email field can't be empty";
}
else{
if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
  $errors["email"] = "Email is not valid";
}
}
if(!trim($phoneNumber)){
  $errors["number"] = "Number field can't be empty";
}
else{
  $reNumber = "/^06[0-9]\/[0-9]{3,4}\-[0-9]{3,4}$/";
  if(!preg_match($reNumber,$phoneNumber)){
    $errors["number"] = "Number is not valid";
  }
}
if(!trim($message)){
  $errors["message"] = "Message field can't be empty";
}
else{
  $reMessage = "/^[\s\S]{4,200}$/";
  if(!preg_match($reMessage,$message)){
    $errors["message"] = "Message is not valid";
  }
}

if(count($errors) != 0){
echo "";
}
else{
$errors["success"] = "The message was sent successfully.";
$insertReportQuery = "INSERT INTO contacts (fullName, email, phoneNumber, report)
VALUES (:fullName,:email,:phoneNumber,:message)";
```

```
$stmt = $conn->prepare($insertReportQuery);
$stmt->execute([
":fullName"=>$name,
":email"=>$email,
":phoneNumber"=>$phoneNumber,
":message"=>$message,
]);
}
}
?>
```

Controllers/createBlogController.php

```
<?php
$errors=[];

$topicQuery = "SELECT * from topics";
$topics = $conn->query($topicQuery)->fetchAll();
if(isset($_POST['btnSubmit'])){
$blogTitle = $_POST['blogTitle'];
$topicId = $_POST['topicId'];
$blogContent = $_POST['blogContent'];
$image = $_FILES['image'];
$blogTitleQuery = "SELECT * from blogs WHERE blogTitle = :blogTitle";
$stmt = $conn->prepare($blogTitleQuery);
$stmt->execute(
[
":blogTitle" => $blogTitle
]
);
$blogTitleTaken = $stmt->fetch();
if($blogTitleTaken){
   $errors['blogTitle'] = "Blog title is already taken";
}
else if(!trim($blogTitle)){
   $errors['blogTitle'] = "Blog title field can`t be empty";
}

if(!isset($topicId)){
   $errors['topicId'] = "You must select one of the topics";
}

if(!isset($image)){
   $errors['image'] = "You must choose image to upload";
}
else if($image['size'] > 100000000){
   $errors['image'] = "Your image is larger than 100MB";
}
```

```php
if (count($errors) == 0) {
    // Move uploaded file
    $targetDir = "../../assets/img/";
    $targetFile = $targetDir . basename($image['name']);
    if (move_uploaded_file($image['tmp_name'], $targetFile)) {
        // Insert blog into the database
        $errors['success'] = "You created blog successfully";
        $blogInsertQuery = "INSERT into blogs (blogTitle, blogContent, topicId, UserId, Image, CreatedAt, IsActive)
                            values (:blogTitle, :blogContent, :topicId, :UserId, :Image, :CreatedAt, :IsActive)";
        $stmt = $conn->prepare($blogInsertQuery);
        $stmt->execute([
            "blogTitle" => $blogTitle,
            "blogContent" => $blogContent,
            "topicId" => $topicId,
            "UserId" => $_SESSION['user']->userId,
            "Image" => $image['name'],
            "CreatedAt" => date('Y-m-d H:i:s'),
            "IsActive" => 1
        ]);
    } else {
        $errors['image'] = "Failed to upload image";
    }
}
}
?>
```

Controllers/createTopicsController.php

```php
<?php
$errors = [];
if(isset($_POST['btnSubmit'])){
$topicName = $_POST['topicName'];
$topicsQuery = "SELECT * from topics where Topic = :topic and IsActive = 1";
$stmt = $conn->prepare($topicsQuery);
$stmt->execute([
":topic"=>$topicName
]);
$topicNameExists = $stmt->fetch();
if($topicNameExists){
$errors['topicName'] = "Topic name is already taken";
}
else if(!trim($topicName)){
$errors['topicName'] = "Topic name field can`t be empty";
}
if(count($errors) == 0){
$errors['success'] = "Topic is successfully added";
$topicsInsertQuery = "INSERT INTO topics (Topic, IsActive) VALUES
(:topicName, :IsActive)";
$stmt = $conn->prepare($topicsInsertQuery);
```

```
$stmt->execute([
":topicName"=> $topicName,
":IsActive"=> 1,

]);
}
}
?>
```

Controllers/createUsersController.php

```
<?php
$errors=[];
$rolesQuery = "SELECT * from roles";
$roles = $conn->query($rolesQuery)->fetchAll();
if(isset($_POST['btnSubmit'])){
$firstName = $_POST['firstName'];
$lastName = $_POST['lastName'];
$username = $_POST['username'];
$password = md5($_POST['password']);
$email = $_POST['email'];
$role = $_POST['role'];
$image = $_FILES['image'];
$emailQuery = "SELECT * from users WHERE email = :email";
$stmt = $conn->prepare($emailQuery);
$stmt->execute(
[
":email" => $email
]
);
$userEmail = $stmt->fetch();
$usernameQuery = "SELECT * from users WHERE username = :username";
$stmt = $conn->prepare($usernameQuery);
$stmt->execute(
[
":username" => $username
]
);
$userUsername = $stmt->fetch();
if(!trim($username)){
    $errors['username'] = "Username field can`t be empty";
}
if(!trim($username)){
    $errors['username'] = "Username field can`t be empty";
}
if($userUsername){
$errors['username'] = "Username is already taken";
}
else if(!trim($username)){
```

```
$errors['username'] = "Username field can`t be empty";
}
if($userEmail){
$errors['email'] = "Email is already taken";
}
else if(!trim($email)){
$errors['email'] = "Email field can`t be empty";
}
else {
if(!filter_var($email, FILTER_VALIDATE_EMAIL)){
$errors["email"] = "Email is not valid";
}
}
if($_POST['confirmPassword'] != $_POST['password']){
$errors['confirmPassword'] = "Passwords do not match";
}
else if(!trim($password)){
$errors['password'] = "Password field can`t be empty";
}
else if(!trim($_POST['confirmPassword'])){
$errors['confirmPassword'] = "Confirm password field must match with password
field";
}
if (count($errors) == 0) {
    // Move uploaded file
    $targetDir = "../../assets/img/";
    $targetFile = $targetDir . basename($image['name']);
    if (move_uploaded_file($image['tmp_name'], $targetFile)) {
        // Insert user into the database
        $insertUserQuery = "INSERT INTO users (FirstName, LastName, Username, Email, Password, ProfileImage, RoleId, CreatedAt,
IsActive)
                            VALUES (:firstName, :lastName, :username, :email, :password, :profileImage, :role_id, :createdAt, :IsActive)";
        $stmt = $conn->prepare($insertUserQuery);
        $stmt->execute([
            ":firstName" => $firstName,
            ":lastName" => $lastName,
            ":username" => $username,
            ":email" => $email,
            ":password" => $password,
            ":profileImage" => $image['name'],
            ":role_id" => $role,
            ":createdAt" => date('Y-m-d H:i:s'),
            ":IsActive" => 1
        ]);

        $errors['success'] = "You registered successfully";
    } else {
        $errors['image'] = "You need to upload an image";
    }
```

```
}
else{
    echo "";
}
}
?>
```

Controllers/editBlogsController.php

```
<?php
$errors = [];
$topicQuery = "SELECT * from topics";
$topics = $conn->query($topicQuery)->fetchAll();
$blogsQuery = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, u.FirstName as firstName,
u.LastName as lastName,
                u.username, b.TopicId as topicId, t.Topic as topic, b.CreatedAt as published, b.Image as image, b.Views as views
            from blogs as b
            inner join users as u on b.UserId = u.Id
            inner join topics as t on b.TopicId = t.Id
            WHERE b.id = :blogId";
$stmt = $conn->prepare($blogsQuery);
$idBlog = $_GET['blogId'];
$stmt->execute([
    ":blogId" => $idBlog
]);
$blog = $stmt->fetch();
$image_path = $blog->image;
if (isset($_POST['btnSubmit'])) {
    $blogId = $_POST['blogId'];
    $blogTitle = $_POST['blogTitle'];
    $blogContent = $_POST['blogContent'];
    $topic = $_POST['topicId'];
    $image = $_FILES['image'];


        if (isset($image) && $image['size'] > 0) {
            $image_name = $image['name'];
            $image_tmp = $image['tmp_name'];
            $image_path = "../../assets/img/" . $image_name;
            move_uploaded_file($image_tmp, $image_path);
            $updateProductQuery = "UPDATE blogs SET blogTitle = :blogTitle, blogContent = :blogContent, Image = :image, TopicId =
:topic_id WHERE Id=:blogId";
            $stmt = $conn->prepare($updateProductQuery);
            $stmt->bindParam(":blogId", $blogId);
            $stmt->bindParam(":blogTitle", $blogTitle);
            $stmt->bindParam(":topic_id", $topic);
            $stmt->bindParam(":blogContent", $blogContent);
            $stmt->bindParam(":image", $image_path);
            $stmt->execute();
```

```
    }
    else{
        $updateProductQuery = "UPDATE blogs SET blogTitle = :blogTitle, blogContent = :blogContent, TopicId = :topic_id
WHERE Id=:blogId";
        $stmt = $conn->prepare($updateProductQuery);
        $stmt->bindParam(":blogId", $blogId);
        $stmt->bindParam(":blogTitle", $blogTitle);
        $stmt->bindParam(":topic_id", $topic);
        $stmt->bindParam(":blogContent", $blogContent);
        $stmt->execute();
    }



    header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?blogId=" . $_POST['blogId'] . "&success=Uspesno
editovanje proizvoda" . $_POST['blogId']);}

?>
```

Controllers/editTopicsController.php

```
<?php
$errors = [];
$topicsQuery = "SELECT * from topics where Id  = :id";
$stmt = $conn->prepare($topicsQuery);
$idTopic = $_GET['topicId'];
$stmt->execute([
   ":id" => $idTopic
]);
$topic = $stmt->fetch();
if (isset($_POST['btnSubmit'])) {
   $topicId = $_POST['topicId'];
   $topicName = $_POST['topicName'];
   $listed = isset($_POST['listed']) ? 1 : 0;
   if (!trim($topicName)) {
      $errors['topicName'] = "topic name field can`t be empty";
      header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?topicId=" . $_POST['topicId'] . "&error=topic name
field empty");
   }
   if (count($errors) == 0) {
      $errors['success'] = "topic is successfully updated";
      $topicsUpdateQuery = "UPDATE topics SET Topic = :topicName WHERE Id = :id";
      $stmt = $conn->prepare($topicsUpdateQuery);
      $stmt->execute([
         ":id" => $topicId,
         ":topicName" => $topicName
      ]);
      header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?topicId=" . $_POST['topicId'] . "&success=Uspesno
```

```
editovanje brenda" . $_POST['topicId']);
    }
}
?>
```

Controllers/editUsersController.php

```
<?php
$errors = [];
$rolesQuery = "SELECT * from roles";
$roles = $conn->query($rolesQuery)->fetchAll();
$usersQuery = "SELECT u.id, u.username, u.email, u.password, u.RoleId as idRole, r.Id from
users as u join roles as r on u.RoleId = r.Id WHERE u.id = :id";
$idUser = $_GET['userId'];
$stmt = $conn->prepare($usersQuery);
$stmt->bindParam(":id", $idUser);
$stmt->execute();
$user = $stmt->fetch();
if (isset($_POST['btnSubmit'])) {
    try{
        $userId = $_POST['userId'];
        $username = $_POST['username'];
        $password = md5($_POST['password']);
        $confirmPassword = $_POST['confirmPassword'];
        $email = $_POST['email'];
        if ($_POST['confirmPassword'] != $_POST['password']) {
            $errors['confirmPassword'] = "Passwords do not match";
            header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?userId=" . $userId . "&error=Doslo je do greske
kod editovanja korisnika" . $userId);
        } else if (!trim($password)) {
            $errors['password'] = "Password field can`t be empty";
            header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?userId=" . $userId . "&error=Doslo je do greske
kod editovanja korisnika" . $userId);
        }
        if (count($errors) == 0) {
            $query = "";
            if (isset($password) && !trim($password)) {
                $query = "UPDATE users SET username = :username, password = :password, email = :email WHERE id = :id";
            } else {
                $query = "UPDATE users SET username = :username, email = :email WHERE id = :id";
            }
            $stmt = $conn->prepare($query);
            $stmt->bindParam(":id", $userId);
            $stmt->bindParam(":username", $username);
            $stmt->bindParam(":email", $email);
            if (isset($password) && !trim($password)) {
                $stmt->bindParam(":password", $password);
            }
            $stmt->execute();
```

```
        $errors['success'] = "User is successfully updated";

        header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?userId=" . $userId . "&success=Uspesno editovanje korisnika" . $userId);
      }
   }
   catch(PDOException $ex){
      header("Location:" . explode("?", $_SERVER["HTTP_REFERER"])[0] . "?userId=" . $userId . "&error=Doslo je do greske kod editovanja korisnika" . $userId);

   }
}
?>
```

Controllers/indexBlogsController.php

```
<?php
$blogsAdmin = vratiBlogove();
$blogsQuery = "SELECT b.id as blogId, b.blogTitle as title, b.blogContent as blog, b.UserId as userId, u.FirstName as firstName, u.LastName as lastName,
            u.username, b.TopicId as topicId, t.Topic, b.CreatedAt as published, b.Image as image, b.Views as views
      from blogs as b
      inner join users as u on b.UserId = u.Id
      inner join topics as t on b.TopicId = t.Id
      WHERE b.UserId = :userId and b.IsActive = 1
      ORDER By b.Id";
$stmt = $conn->prepare($blogsQuery);
$stmt->execute([
      ":userId" => $_SESSION['user']->userId
]);
$blogs= $stmt->fetchAll();
$blogsPerPage = 4;
$totalBlogs = count($blogs);
$totalPages = ceil($totalBlogs / $blogsPerPage);
$currentPage = isset($_GET['page']) ? $_GET['page'] : 1;
$startBlog = ($currentPage - 1) * $blogsPerPage;
$currentRecords = array_slice($blogs, $startBlog, $blogsPerPage);

$totalBlogsAdmin = count($blogsAdmin);
$totalPagesAdmin = ceil($totalBlogsAdmin / $blogsPerPage);

$currentRecordsAdmin = array_slice($blogsAdmin, $startBlog, $blogsPerPage);
?>
```

Controllers/indexUsersController.php

```
<?php
$usersQuery = "SELECT u.Id, u.username, u.email, u.password, r.RoleName,
   u.CreatedAt from users as u inner join roles as r on u.RoleId = r.Id WHERE u.IsActive = 1";
```

```
    $users = $conn->query($usersQuery)->fetchAll();
    $resultPerPage = 4;
    $totalResult = count($users);
    $totalPages = ceil($totalResult / $resultPerPage);
    $currentPage = isset($_GET['page']) ? $_GET['page'] : 1;
    $startResult = ($currentPage - 1) * $resultPerPage;
    $currentRecords = array_slice($users, $startResult, $resultPerPage);
?>
```

Controllers/indexTopicsController.php

```
<?php
$topicQuery = "SELECT * from topics where IsActive = 1";
$topics = $conn->query($topicQuery)->fetchAll();
$resultPerPage = 4;
$totalResult = count($topics);
$totalPages = ceil($totalResult / $resultPerPage);
$currentPage = isset($_GET['page']) ? $_GET['page'] : 1;
$startResult = ($currentPage - 1) * $resultPerPage;
$currentRecords = array_slice($topics, $startResult, $resultPerPage);
?>
```

Controllers/indexReportsController.php

```
<?php
$reportsQuery = "SELECT * from contacts";
$reports = $conn->query($reportsQuery)->fetchAll();
$productsPerPage = 4;
$totalProducts = count($reports);
$totalPages = ceil($totalProducts / $productsPerPage);
$currentPage = isset($_GET['page']) ? $_GET['page'] : 1;
$startProduct = ($currentPage - 1) * $productsPerPage;
$currentRecords = array_slice($reports, $startProduct, $productsPerPage);
?>
```

Controllers/sideBarController.php

Assets/js/main.js

```
// to top button
window.onscroll = function () {
  scrollFunction()
};
function scrollFunction() {
  if (document.body.scrollTop > 20 || document.documentElement.scrollTop > 20) {
    document.getElementById("movetop").style.display = "block";
```

```
  } else {
    document.getElementById("movetop").style.display = "none";
  }
}
function topFunction() {
  document.body.scrollTop = 0;
  document.documentElement.scrollTop = 0;
}



// TESTIMONIALS

jQuery(document).ready(function($) {
  "use strict";
  //  TESTIMONIALS CAROUSEL HOOK
  $('#customers-testimonials').owlCarousel({
      loop: true,
      center: true,
      items: 3,
      margin: 0,
      autoplay: true,
      dots:true,
      autoplayTimeout: 8500,
      smartSpeed: 450,
      responsive: {
        0: {
          items: 1
        },
        768: {
          items: 2
        },
        1170: {
          items: 3
        }
      }
  });
});



$(document).ready(function() {
  $('input[name="chkTop"]').change(function(){
    var checkedTopics = $('input[name="chkTop"]:checked').map(function() {
      return this.value;
    }).get();
```

```
  $.ajax({
    url: "models/filter_products.php",
    method: "post",
    data: {
      idsTopic: checkedTopics
    },
    dataType: "json",
    success: function(response){
      stampajBlogove(response);
    },
    error: function(xhr){
      console.error(xhr);
    }
  });
 });
});

// Funkcija za prikazivanje proizvoda
function stampajBlogove(nizBlogova){
 let html = "";
 if(nizBlogova.length == 0){
  html += `<p class='alert alert-danger'>There are no blogs matching the given criteria.</p>`;
 } else {
  for(let blog of nizBlogova){
   html += `<div class="col-lg-4 col-md-6 mb-4">
            <div class="card">
              <a href="#"><img class="card-img-top img-fluid" src="assets/img/${blog.image}" alt=""></a>
                <div class="card-body">
                  <h4 class="card-title">${blog.title}</h4>
                  <div class="d-flex justify-content-between flex-column">
                    <div class="name">
                      Author: ${blog.firstName} ${blog.lastName}
                    </div>
                    <div class="published">
                      Published ${moment(blog.published).fromNow()}
                    </div>
                    <div class="topic">
                      Topic: ${blog.topic}
                    </div>
                    <a class="btn btn-info" href="blogContent.php?blogId=${blog.blogId}">Read More</a>
                  </div>
                </div>
            </div>
          </div>`;
  }
 }
 $("#blogs").html(html);
}
```

Assets/js/form.js

```
// form validation
console.log("contact")
var imePrezime = document.getElementById("imePrezime");
var email = document.getElementById("email");
var number = document.getElementById("number");
var message = document.getElementById("message");

var reImePrezime = /^[A-ZŠĐČĆŽ][a-zšđčćž]{2,15}(\s[A-ZŠĐČĆŽ][a-zšđčćž]{2,20})+$/;
var reEmail = /^[\w-_\.]+@([\w-_]{2,}\.)+[a-z]{2,}$/;
var reNumber =/^06[0-689][0-9]{6,7}$/;
var reMessage = /.{4,200}/;

var noErrors;


imePrezime.addEventListener("blur", checkName);
function checkName() {
  var check = reImePrezime.test(imePrezime.value);
  var errorName = document.getElementById("error-name");
  if(check) {
    errorName.innerHTML="Name is valid!";
    errorName.style.color="green";
 }
  else {
  noErrors = false;
  errorName.innerHTML="Name is not valid!";
  errorName.style.color="red";
 }
}

email.addEventListener("blur", checkEmail);
function checkEmail() {
 var check = reEmail.test(email.value);
 var errorEmail =  document.getElementById("error-email");
 if(check) {
  errorEmail.innerHTML="Email is valid!";
  errorEmail.style.color="green";
```

```
 }
 else {
 noErrors = false;
  errorEmail.innerHTML="Email is not valid!";
  errorEmail.style.color="Red";
 }
}

number.addEventListener("blur", checkNumber);
function checkNumber(){
    var check = reNumber.test(number.value);
    var errorNumber = document.getElementById("error-number");
    if(check) {
        errorNumber.innerHTML="Number is valid!";
        errorNumber.style.color="green";
       }
       else {
       noErrors = false;
       errorNumber.innerHTML="Number is not valid!";
       errorNumber.style.color="Red";
       }
}

message.addEventListener("blur", checkMsg);
function checkMsg() {
  var errorMsg =  document.getElementById("error-message");
 if (message.value == "") {
  errorMsg.textContent = "Message can`t be empty";
  errorMsg.style.color="red";
}
  else {
  errorMsg.textContent = "Message is valid";
  errorMsg.style.color="green";
 }

}
  var btnSubmitMessage = document.getElementById("btnSubmitMessage");

    btnSubmitMessage.addEventListener("click", function() {
    noErrors = true;
    checkName();
    checkEmail();
    checkNumber();
    checkMsg();
    if(noErrors)
    {
      imePrezime.value = "";
      number.value = "";
```

```
      email.value = "";
      message.value = "";
      errorName.innerHTML="";
      errorEmail.innerHTML='';
      errorNumber.innerHTML='';
      errorMsg.innerHTML='';
    }
  });
var select = document.getElementById("subject");
var error_op = document.getElementById("modal-error-op");
select.addEventListener("click",checkOption);

function checkOption(){
       if (select.value == "subject") {
          error_op.innerHTML = "Please select a subject"
          error_op.style.color = "red"
       }
       else{
         error_op.innerHTML = "Subject is valid."
         error_op.style.color = "green"
       }
  }
```