VISOKA ŠKOLA ZA INFORMACIONE I KOMUNIKACIONE
TEHNOLOGIJE

DOKUMENTACIJA

Web sajt

https://foodsterblog.000webhostapp.com/index.php

Predmet: Web programiranje PHP 1   Student: Marijana Milanović 130/21

Beograd, mart 2023.

Sadržaj

1. Uvod

1.1. Korišćeni programski jezici

- HTML
- CSS
- XML
- Java Script
- jQuery
- PHP
- ***Okruženje***: Visual Studio Code

1.2. Opis funkcionalnosti

- Dinamičko ispisivanje menija iz baze na svim stranama. U zavisnosti od uloge ispisuju se različiti linkovi.
- Dinamičko ispisivanje najnovijih postova (tekst i uvodni tekst) iz baze na početnoj strani.
- Dinamičko ispisivanje random komentara na početnoj strani.
- Dinamičko ispisivanje kategorija (slika i naziv). Klikom na kategoriju, otvara se strana sa receptima iz te kategorije.
- Ispisivanje futera na svim stranama.
- Ispisivanje teksta i slike na strani About.
- Ispisivanje svih recepata na strani Recipe (slika, naziv i uvodni tekst recepta i link za ceo recept).
- Straničenje na strani Recipe koje je upareno sa pretragom i kategorijom (ukoliko je izabrana kategorija).
- Prikaz pojedinačnog recepta (slika, uvodni tekst, recept, ocena i komentari korisnika).
- Mogućnost komentarisanja i ocenjivanja za ulogovane korisnike. Ako je korisnik već ocenio neki recept i promenio ocenu, ona se ažurira.
- Kontakt strana sa formom za slanje poruke administratoru sajta (klijentska i serverska validacija, ispisivanje odgovarajuće poruke).
- Anketa na kontakt strani. Samo ulogovani korisnici mogu da glasaju. Ako je korisnik već glasao, anketa je onemogućena i prikazano je šta je korisnik izabrao. Klikom na Results taster prikazuju se rezultati ankete.
- Logovanje i registracija korisnika (klijentska i serverska validacija, ispisivanje odgovarajuće poruke). Slanje aktivacionog mejla ne radi na free hostu, pa je nalog odmah aktivan.
- Admin panel – poseban deo sajta za admina za upravljanje celokupnim sadržajem. Mogućnost brisanja, ažuriranja i dodavanja recepata i kategorija, prikaz svih poruka i komentara i mogućnost brisanja istih, prikaz rezultata ankete, dodavanje nove i promena aktivne ankete.

1.3. Template

Za izradu sajta je korišćen gotov template:
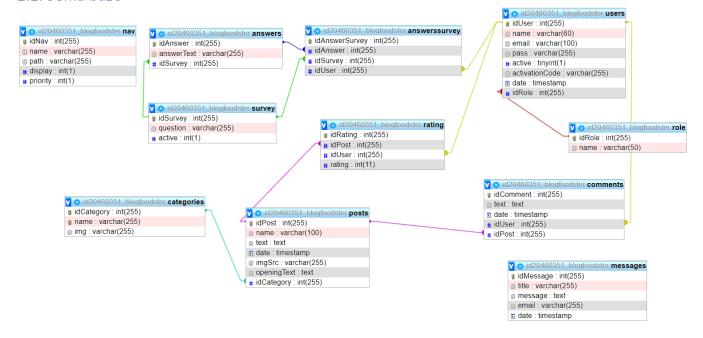
https://demo.w3layouts.com/demos_new/template_demo/30-04-2020/publication-liberty-demo_Free/1014263797/web/index.html

2. Organizacija

2.1. Organizaciona šema

- Pojedinačnom receptu može se pristupiti samo sa strane sa receptima ili početne (slider i najnoviji postovi). Kategorijama se može pristupiti samo sa početne strane. Ostalim stranicama moguće je pristupiti sa svih strana. Prikaz strana zavisi od uloge korisnika.

2.2. Šema baze

2.3. Mapa sajta
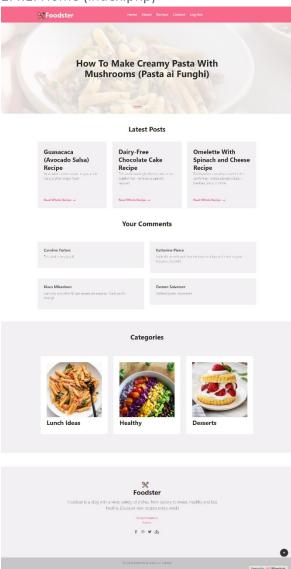
```xml
<urlset xmlns="http://www.sitemaps.org/schmemas/sitemap/0.9">
<url>
<loc>https://foodsterblog.000webhostapp.com/index.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>monthly</changefreq>
<prioriry>0.5</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/about.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>yearly</changefreq>
<prioriry>0.2</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/recipes.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>daily</changefreq>
<prioriry>0.8</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/recipe.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>daily</changefreq>
<prioriry>0.8</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/contact.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>monthly</changefreq>
<prioriry>0.5</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/login.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>monthly</changefreq>
<prioriry>0.5</prioriry>
</url>
<url>
<loc>https://foodsterblog.000webhostapp.com/register.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>monthly</changefreq>
<prioriry>0.5</prioriry>
</url>
<url>
```

```xml
<loc>https://foodsterblog.000webhostapp.com/admin.php</loc>
<lastmod>2023-03-16</lastmod>
<changefreq>daily</changefreq>
<prioriry>0.8</prioriry>
</url>
</urlset>
```
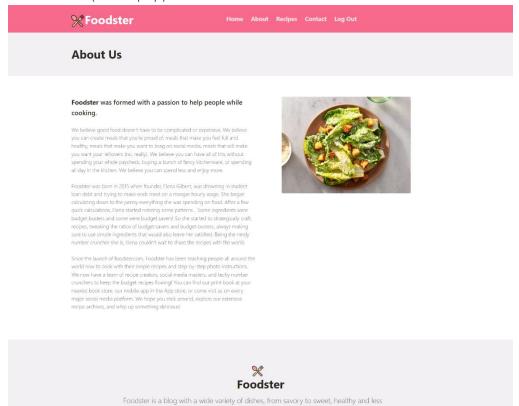
2.4. Stranice i opis funkcionalnosti

2.4.1. Home (index.php)

Na ovoj stranici su prikazani dinamički meni, najnoviji postovi, 4 random komentara, kategorije i futer.

2.4.2. About (about.php)
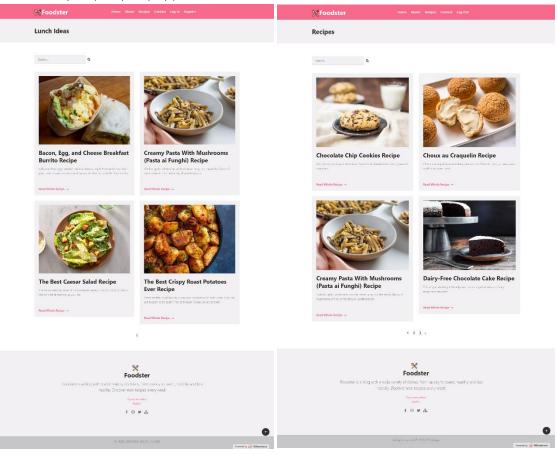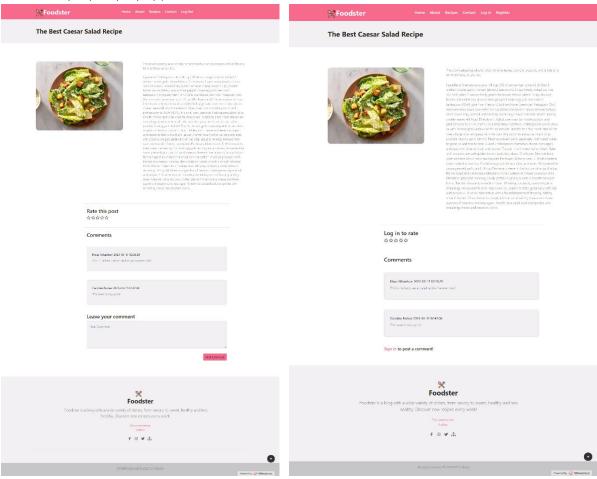
Na ovoj stranici su prikazani dinamički meni, tekst o blogu, slika i futer.

2.4.3. Recipes (recipes.php)
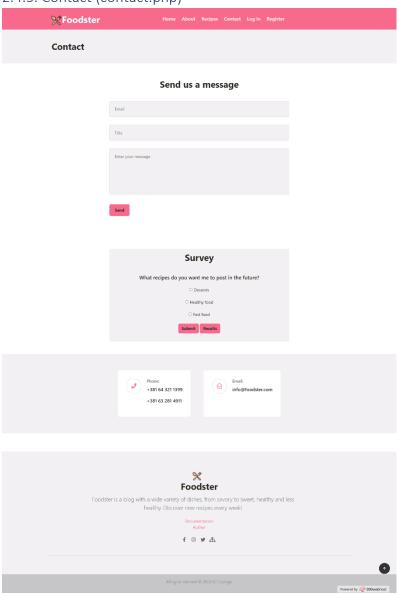
Na ovoj stranici su prikazani dinamički meni, futer i postovi. Na prvoj slici je prikaz kada se izabere određena kategorija, a na drugoj bez. Postoji i mogućnost pretrage postova po nazivu klikom na dugme za pretragu. Straničenje je upareno sa kategorijom i pretragom.

2.4.4. Recipe (recipe.php)
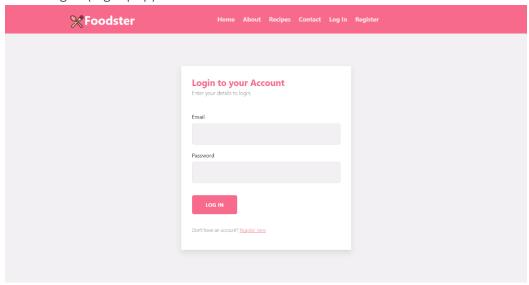
Na ovim stranicama su prikazani dinamički meni, futer i pojedinačni recepti. Samo ukoliko je korisnik ulogovan može da komentariše i da oceni post i prikazuje mu se njegova ocena (prva slika). Na drugoj slici je prikaz recepta kada korisnik nije ulogovan.
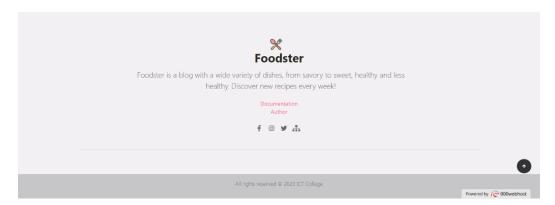
2.4.5. Contact (contact.php)

Na ovoj stranici su prikazani dinamički meni, futer, forma za slanje poruke administratoru i anketa. Validacija forme se vrši i na klijentskoj i na serverskoj strani i ispisuje se odgovarajuća poruka. Samo ulogovani korisnici mogu da glasaju u anketi. Kada glasaju prikazuje se rezultat, a rezultat mogu da vide i klikom na dugme Results. Jedan korisnik ne može dva puta da glasa.
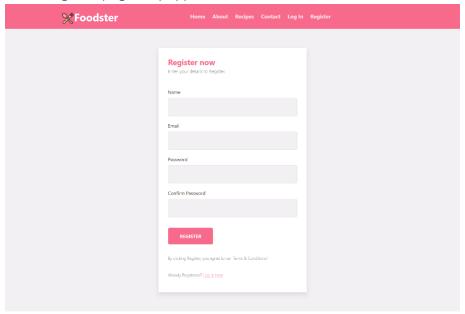
2.4.7. Log In (login.php)
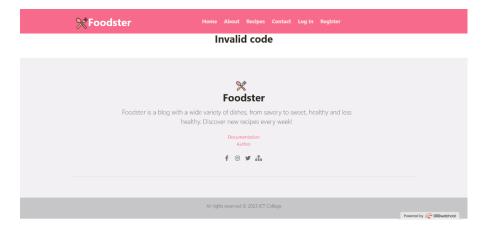
Na ovoj strani su prikazani dinamički meni, futer i forma za logovanje. Validacija se vrši i na klijentskoj i na serverskoj strani i ispisuje se odgovarajuća poruka kako popuniti formu.

2.4.8. Register (register.php)
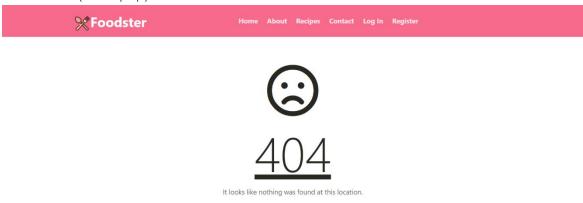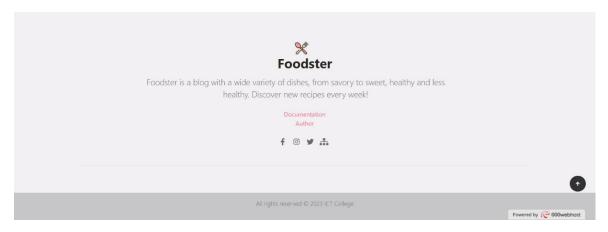
Na ovoj strani su prikazani dinamički meni, futer i forma za registraciju. Validacija se vrši i na klijentskoj i na serverskoj strani i ispisuje se odgovarajuća poruka kako popuniti formu. Posle registracije, korisnik na email dobija kod za aktivaciju naloga (ali na free hostu ne radi, tako da je nalog odmah aktivan). Kada otvori link ispisuje mu se njegovo ime i da je aktivirao nalog. Ukoliko unese neispravan kod ispisuje se poruka Invalid code.

2.4.9. Error (error.php)
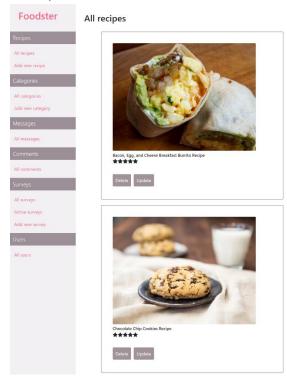
Ukoliko korisnik pokuša da pristupi stranici kojoj nema pristup, prikazuje mu se Error stranica.
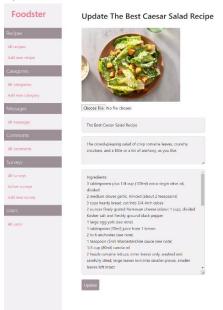
2.4.10. Admin (admin.php)

All recipes
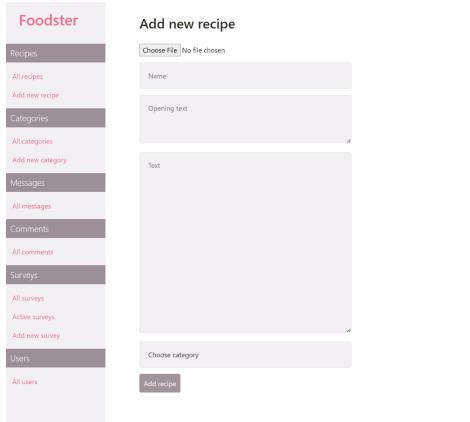
Na ovoj stranici su prikazani svi recepti sa tasterima za brisanje i ažuriranje.

Update

Na ovoj stranici je prikazana forma za update recepta. Inicijalno su popunjeni trenutni podaci. Validacija se vrši na serverskoj strani.

Foodster

Recipes

All recipes

Add new recipe

Categories

All categories

Add new category

Messages

All messages

Comments

All comments

Surveys

All surveys

Active surveys

Add new survey

Users

All users

Add new recipe

Choose File No file chosen

Name

Opening text

Text

Choose category

Add recipe

Powered by 000webhost
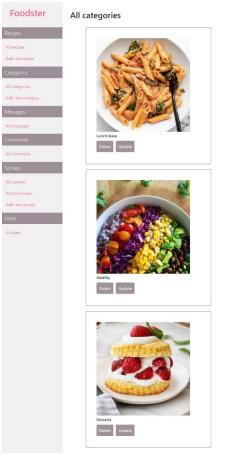
Na ovoj stranici je prikazana forma za dodavanje novog recepta. Validacija se vrši na serverskoj strani.
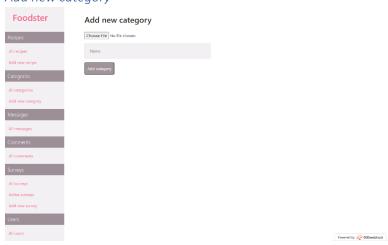
All categories

Na ovoj stranici su prikazane sve kategorije sa tasterima za brisanje i ažuriranje.

Add new category
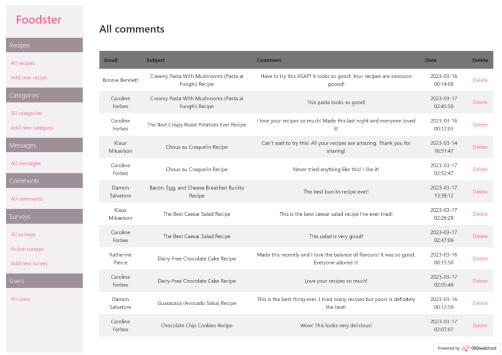
Na ovoj stranici se nalazi forma za dodavanje nove kategorije. Validacija se vrši na serverskoj strani.
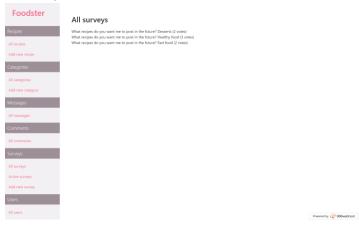
Na ovoj stranici se nalazi prikaz svih poruka. Klikom na Delete moguće je obrisati poruku.

All comments
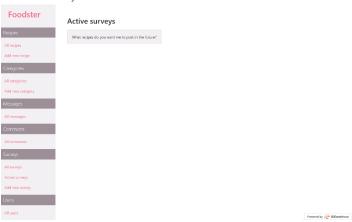
Na ovoj stranici se nalazi prikaz svih komentara. Klikom na Delete moguće je obrisati komentar.

All surveys
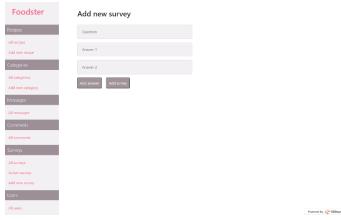
Na ovoj stranici su prikazani rezultati anketa.

Active surveys

Na ovoj strani prikazana je forma za promenu aktivne ankete. Izborom ankete iz liste menja se aktivna anketa.

Add new survey

Na ovoj stranici se nalazi forma za dodavanje nove ankete. Može se uneti proizvoljan broj odgovora (najmanje 3). Validacija se vrši na serverskoj strani.

All users

Foodster

Recipes

All recipes

Add new recipe

Categories

All categories

Add new category

Messages

All messages

Comments

All comments

Surveys

All surveys

Active surveys

Add new survey

Users

All users

All users

Name	E-mail
Stefan Salvatore	stefansalvatore@gmail.com
Caroline Forbes	carolineforbes@gmail.com
Bonnie Bennett	bonniebennett@gmail.com
Klaus Mikaelson	klausmikaelson@gmail.com
Damon Salvatore	damonsalvatore@gmail.com
Katherine Pierce	katherinepierce@gmail.com
Matt Donovan	mattdonovan@gmail.com
Tyler Lockwood	tylerlockwood@gmail.com
Nina Dobrev	ninadobrev@gmail.com

Na ovoj strani su prikazani svi korisnici.

2.4.11. Author (author.php)

Na ovoj stranici se nalazi dinamički meni, futer, slika i kratka biografija autora sajta.

3. Kodovi – PHP

3.1. index.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/index.php";
    require_once "view/fixed/footer.php";
?>
```

3.2. about.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/about.php";
    require_once "view/fixed/footer.php";
?>
```

3.3. recipes.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/recipes.php";
    require_once "view/fixed/footer.php";
?>
```

3.4. recipe.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/recipe.php";
    require_once "view/fixed/footer.php";
?>
```

3.5. contact.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/contact.php";
    require_once "view/fixed/footer.php";
?>
```

3.6. login.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/login.php";
    require_once "view/fixed/footer.php";
```

```
?>
```

3.7. register.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/register.php";
    require_once "view/fixed/footer.php";
?>
```

3.8. logout.php

```php
<?php
    include "model/logout.php";
?>
```

3.9. author.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/author.php";
    require_once "view/fixed/footer.php";
?>
```

3.10. admin.php

```php
<?php
    require_once "view/fixed/head.php";
    if(isset($_SESSION['user'])){
        $user = $_SESSION['user'];
        if($user['idRole'] == "1"){
            include "view/pages/admin.php";
        }
        else{
            include "error.php";
        }
    }
    else{
        include "error.php";
    }
?>
```

3.11. activation.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/activation.php";
    require_once "view/fixed/footer.php";
?>
```

3.12. error.php

```php
<?php
    require_once "view/fixed/head.php";
    require_once "view/fixed/header.php";
    require_once "view/pages/error.php";
    require_once "view/fixed/footer.php";
?>
```

3.13. view/fixed/head.php

```php
<?php
    session_start();
?>
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="utf-8"/>
  <meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no"/>
  <meta name="keywords" content="Foodster, food, recipes, blog, desserts, healthy, dishes"/>
  <meta name="description" content="Foodster is a blog with a wide variety of dishes, from savory to sweet, healthy and less healthy."/>
  <meta name="author" content="Marijana Milanović"/>
  <title>Foodster</title>
  <link rel="stylesheet" href="assets/css/style-starter.css"/>
  <link rel="stylesheet" href="assets/css/style-liberty.css"/>
  <link rel="stylesheet" href="assets/css/style.css"/>
  <script src="https://kit.fontawesome.com/38110d4c93.js" crossorigin="anonymous"></script>
  <link rel="shortcut icon" href="assets/images/favicon.ico"/>
</head>
<body>
```

3.14. view/fixed/header.php

```html
<header id="site-header">
    <div class="container">
        <nav class="navbar navbar-expand-lg navbar-dark stroke p-0">
            <a class="navbar-brand" href="index.php">
                <img src="assets/images/favicon.ico" alt="logo"
style="height:40px;" />
            </a>
            <h1>
                <a class="navbar-brand" href="index.php">Foodster</a>
            </h1>
            <button class="navbar-toggler  collapsed bg-gradient" type="button"
data-toggle="collapse" data-target="#navbarTogglerDemo02"
```

```
                aria-controls="navbarTogglerDemo02" aria-expanded="false" aria-
label="Toggle navigation">
                    <span class="navbar-toggler-icon fa icon-expand fa-bars"></span>
                    <span class="navbar-toggler-icon fa icon-close fa-times"></span>
                    </span>
            </button>
            <div class="collapse navbar-collapse" id="navbarTogglerDemo02">
                <ul id="navigation" class="navbar-nav mx-auto">

                </ul>
            </div>
        </nav>
    </div>
</header>
```

3.15. view/fixed/footer.php

```
<footer class="w3l-footer">
    <section class="footer-inner-main">
        <div class="footer-hny-grids py-5">
            <div class="container py-lg-4">
                <div class="text-txt">
                        <div class="row footer-about pb-5 d-flex justify-content-
center align-items-center">
                            <div class="col-lg-9 footer-links">
                                <div class="header-section text-center">
                                    <a class="navbar-brand" href="index.php">
                                        <img src="assets/images/favicon.ico"
alt="logo" style="height:35px;" />
                                    </a>
                                    <h3 class="mb-3">Foodster</h3>
                                    <p class="pr-lg-5">Foodster is a blog with a
wide variety of dishes, from savory to sweet, healthy and less healthy. Discover
new recipes every week!</p>
                                </div>
                                <div class="columns-2 mt-4">
                                    <ul class="text-center">
                                        <li><a
href="documentation.pdf">Documentation</a></li>
                                        <li><a href="author.php">Author</a></li>
                                    </ul>
                                </div>
                                <div class="columns-2 mt-4">
                                    <ul class="social text-center">
                                        <li><a
href="https://www.facebook.com/"><span class="fa fa-facebook" aria-
hidden="true"></span></a>
```
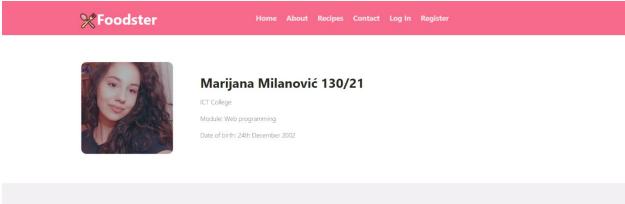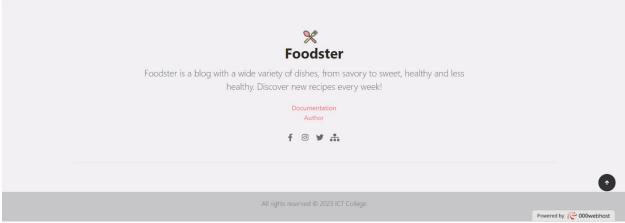
```html
                                                            </li>
                                                            <li><a
href="https://www.instagram.com/"><span class="fa fa-instagram" aria-
hidden="true"></span></a>
                                                            </li>
                                                            <li><a
href="https://www.twitter.com/"><span class="fa fa-twitter" aria-
hidden="true"></span></a>
                                                            </li>
                                                            <li><a href="sitemap.xml"><span class="fa
fa-sitemap" aria-hidden="true"></span></a>
                                                            </li>
                                                    </ul>
                                              </div>
                                        </div>
                                  </div>
                            </div>
                      </div>
                      <div class="below-section">
                            <div class="container">
                                  <div class="copyright-footer">
                                        <div class="text-center">
                                              <p>All rights reserved &copy; 2023 ICT College</p>
                                        </div>
                                  </div>
                            </div>
                      </div>
                      <button onclick="topFunction()" id="movetop" title="Go to top">
                            <span class="fa fa-arrow-up" aria-hidden="true"></span>
                      </button>
            </section>
</footer>
<script src="https://code.jquery.com/jquery-3.6.4.min.js" integrity="sha256-
oP6HI9z1XaZNBrJURtCoUT5SUnxFr8s3BzRl+cbzUq8=" crossorigin="anonymous"></script>
<!-- <script src="assets/js/jquery-3.4.1.slim.min.js"></script>  -->
<!-- <script src="assets/js/jquery-1.9.1.min.js"></script> -->
<script src="assets/js/theme-change.js"></script>
<script src="assets/js/easyResponsiveTabs.js"></script>
<script src="assets/js/owl.carousel.js"></script>
<script src="assets/js/bootstrap.min.js"></script>
<script src="assets/js/main.js"></script>
</body>
</html>
```

3.16. view/pages/index.php

```php
<section class="w3l-main-slider position-relative" id="home">
  <div class="companies20-content">
    <div class="owl-one owl-carousel owl-theme">
      <div class="item">
        <li>
          <div class="slider-info banner-view bg bg2">
            <div class="banner-info">
              <div class="container">
                <div class="banner-info-bg text-center">
                  <a href="recipe.php" class="blog_post_title">How To Make Creamy
Pasta With Mushrooms (Pasta ai Funghi)</a>
                </div>
              </div>
            </div>
          </div>
        </li>
      </div>
      <div class="item">
        <li>
          <div class="slider-info  banner-view banner-top1 bg bg2">
            <div class="banner-info">
              <div class="container">
                <div class="banner-info-bg text-center">
                  <a href="recipe.php" class="blog_post_title">The Best Crispy
Roast Potatoes Ever Recipe</a>
                </div>
              </div>
            </div>
          </div>
        </li>
      </div>
      <div class="item">
        <li>
          <div class="slider-info banner-view banner-top2 bg bg2">
            <div class="banner-info">
              <div class="container">
                <div class="banner-info-bg text-center">
                  <a href="recipe.php" class="blog_post_title">Bacon, Egg, and
Cheese Breakfast Burrito Recipe</a>
                </div>
              </div>
            </div>
          </div>
        </li>
```

```html
        </div>
      </div>
    </div>
</section>
<section class="w3l-latest-posts py-5">
  <div class="container pt-lg-3">
    <div class="header-section text-center mb-md-5 mb-4">
      <h3>Latest Posts</h3>
    </div>
    <div id="latestPosts" class="row">

    </div>
  </div>
</section>
<section class="w3l-authors" id="testimonials">
  <div class="testimonials pb-5">
    <div class="container py-lg-3">
      <div class="header-section text-center mb-md-5 mb-4">
        <h3>Your Comments</h3>
      </div>
      <div id="comments" class="row">

      </div>
    </div>
  </div>
</section>
<section class="w3l-products py-5" id="projects">
  <div class="container py-lg-3">
    <div class="header-section text-center mb-5">
      <h3>Categories</h3>
    </div>
    <div class="row">
      <div class="col-lg-12 mx-auto">
        <div id="parentHorizontalTab">
          <div class="resp-tabs-container hor_1">
            <div class="products-content">
              <div id="categories" class="row">

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

```
</section>
<br/><br/><br/>
```

3.17. view/pages/about.php

```
<section class="w3l-breadcrumb py-5">
  <div class="container">
      <div class="header-section">
        <h3>About Us</h3>
      </div>
  </div>
</section>
<div class="about py-5">
  <div class="container py-lg-3">
    <div class="row">
      <div class="col-lg-6 publication-about-grid">
        <p class="mb-4 mt-0 about-title"><b>Foodster</b> was formed with a
passion to help people while cooking.</p>
        <p class="mb-4">We believe good food doesn't have to be complicated or
expensive. We believe you can create meals that you're proud of, meals that make
you feel full and healthy, meals that make you want to brag on social media,
meals that will make you want your leftovers (no, really). We believe you can
have all of this without spending your whole paycheck, buying a bunch of fancy
kitchenware, or spending all day in the kitchen. We believe you can spend less
and enjoy more.</p>
        <p class="mb-4">Foodster was born in 2015 when founder, Elena Gilbert,
was drowning in student loan debt and trying to make ends meet on a meager hourly
wage. She began calculating down to the penny everything she was spending on
food. After a few quick calculations, Elena started noticing some patterns… Some
ingredients were budget busters and some were budget savers! So she started to
strategically craft recipes, tweaking the ratios of budget-savers and budget-
busters, always making sure to use simple ingredients that would also leave her
satisfied. Being the nerdy number cruncher she is, Elena couldn't wait to share
the recipes with the world.</p>
        <p class="mb-4">Since the launch of foodster.com, Foodster has been
teaching people all around the world how to cook with their simple recipes and
step-by-step photo instructions. We now have a team of recipe creators, social
media masters, and techy number crunchers to keep the budget recipes flowing! You
can find our print book at your nearest book store, our mobile app in the App
store, or come visit us on every major social media platform. We hope you stick
around, explore our extensive recipe archives, and whip up something
delicious!</p>
      </div>
      <div class="col-lg-6 col-md-6 mt-lg-0 mt-5 real-about-grid">
        <img id="aboutImg" src="assets/images/caesar.jpg" alt="caesar salad"
class="img-fluid" />
```

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

3.18. view/pages/recipes.php

```php
<?php
  include "model/fetchPosts.php";
?>
<section class="w3l-breadcrumb py-5">
  <div class="container">
      <div class="header-section">
        <h3><?=$title?></h3>
      </div>
  </div>
</section>
<div style="margin: 8px auto; display: block; text-align:center;">
</div>
<section class="w3l-index5 w3l-blog2 py-5">
  <div class="container py-lg-3">
    <form action="<?php
      $url = $_SERVER['PHP_SELF'];

      if(isset($_GET['page'])){
        $url .= "?page=".$_GET['page'];
      }
      if(isset($_GET['category'])){
        $url .= "&category=".$_GET['category'];
      }
      echo $url;
    ?>" method="get">
      <input type="search" name="search" placeholder="Search..."
      <?php
        if(isset($_GET['search'])):
      ?>
      value="<?=$_GET['search']?>"
      <?php
        endif;
      ?>
      />
      <?php
        if(isset($_GET['page'])):
          $page = 1;
      ?>
      <input type="hidden" name="page" value="<?=$page?>"/>
      <?php
```

```php
      endif;

      if(isset($_GET['category'])):
    ?>
    <input type="hidden" name="category" value="<?=$_GET['category']?>"/>
    <?php
      endif;
    ?>
    <button type="submit" id="btnSearch"><i class="fas fa-search"></i></button>
  </form>
  <div class="row abouthy-img-grids">
    <?php
      if($mess):
    ?>
    <h2><?=$mess?></h2>
    <?php
      else:
        foreach($data as $d):
    ?>
    <div class="col-lg-6 col-md-6 blog2-posts">
      <a href="recipe.php?id=<?=$d['idPost']?>" data-id=<?=$d['idPost']?>
class="blog-article-post d-block p-0">
        <div class="blog-post d-flex flex-wrap align-content-between p-4">
          <img src="assets/images/<?=$d['imgSrc']?>" alt="<?=$d['name']?>"
class="img-fluid mb-4"/>
          <div class="post-content">
            <h4 class="blog_post_title"><?=$d['name']?></h4>
            <p class="mt-3"><?=$d['openingText']?></p>
          </div>
          <div class="read-button mt-5">Read whole recipe <span class="fa fa-
long-arrow-right" aria-hidden="true"></span></div>
        </div>
      </a>
    </div>
    <?php
      endforeach;
      endif;
    ?>
  </div>
  <?php
    if(!$mess):
  ?>
  <div class="pagination-wrapper mt-5 text-center d-flex justify-content-
center">
    <?php
```

```php
  if(isset($_GET['page'])){
    $current = $_GET['page'];
  }
  else{
    $current = 1;
  }

  $next = $current+1;
  $previous = $current-1;

  if($current == $numberOfPages && $numberOfPages != 1):
?>
<ul class="page-pagination">
  <li><a class="previous" href="<?php
    $addition = "";
    if(isset($_GET['category'])){
      $addition .= '&category='.$_GET['category'];
    }
    if(isset($_GET['search'])){
      $addition .= '&search='.$_GET['search'];
    }
    echo $_SERVER['PHP_SELF']."?page=".$previous.$addition;
  ?>"><span class="fa fa-angle-left"></span></a></li>
  <?php
    $count=0;
    for($i=0; $i<$numberOfPages; $i++):
      $count=$i+1;
  ?>
  <li><a class="page-numbers" href="<?php
    $addition = "";
    if(isset($_GET['category'])){
      $addition .= '&category='.$_GET['category'];
    }
    if(isset($_GET['search'])){
      $addition .= '&search='.$_GET['search'];
    }
    echo $_SERVER['PHP_SELF']."?page=".$count.$addition;
  ?>"
  <?php
    if($count==$current){
      echo "class='current'";
    }
  ?>><?=$i+1?></a></li>
  <?php
    endfor;
```

```php
        ?>
        </ul>
          <?php
            elseif($current == 1 && $numberOfPages != 1):
          ?>
        <ul class="page-pagination">
          <?php
            $count=0;
            for($i=0; $i<$numberOfPages; $i++):
              $count=$i+1;
          ?>
          <li><a class="page-numbers" href="<?php
            $addition = "";
            if(isset($_GET['category'])){
              $addition .= '&category='.$_GET['category'];
            }
            if(isset($_GET['search'])){
              $addition .= '&search='.$_GET['search'];
            }
            echo $_SERVER['PHP_SELF']."?page=".$count.$addition;
          ?>"
          <?php
            if($count==$current){
              echo "class='current'";
            }
          ?>><?=$i+1?></a></li>
          <?php
            endfor;
          ?>
          <li><a class="next" href="<?php
            $addition = "";
            if(isset($_GET['category'])){
              $addition .= '&category='.$_GET['category'];
            }
            if(isset($_GET['search'])){
              $addition .= '&search='.$_GET['search'];
            }
            echo $_SERVER['PHP_SELF']."?page=".$next.$addition;
          ?>"><span class="fa fa-angle-right"></span></a></li>
        </ul>
          <?php
            elseif($current != 1):
          ?>
        <ul class="page-pagination">
          <li><a class="previous" href="<?php
```

```php
      $addition = "";
      if(isset($_GET['category'])){
        $addition .= '&category='.$_GET['category'];
      }
      if(isset($_GET['search'])){
        $addition .= '&search='.$_GET['search'];
      }
      echo $_SERVER['PHP_SELF']."?page=".$previous.$addition;
    ?>"><span class="fa fa-angle-left"></span></a></li>

    <?php
      $count=0;
      for($i=0; $i<$numberOfPages; $i++):
        $count=$i+1;
    ?>
    <li><a class="page-numbers" href="<?php
      $addition = "";
      if(isset($_GET['category'])){
        $addition .= '&category='.$_GET['category'];
      }
      if(isset($_GET['search'])){
        $addition .= '&search='.$_GET['search'];
      }
      echo $_SERVER['PHP_SELF']."?page=".$count.$addition;
    ?>"
    <?php
      if($count==$current){
        echo "class='current'";
      }
    ?>><?=$i+1?></a></li>
    <?php
      endfor;
    ?>

    <li><a class="next" href="<?php
      $addition = "";
      if(isset($_GET['category'])){
        $addition .= '&category='.$_GET['category'];
      }
      if(isset($_GET['search'])){
        $addition .= '&search='.$_GET['search'];
      }
      echo $_SERVER['PHP_SELF']."?page=".$next.$addition;
    ?>"><span class="fa fa-angle-right"></span></a></li>
</ul>
```

```php
        <?php
          endif;
        ?>


        <?php
          if($numberOfPages==1):
        ?>
      <ul class="page-pagination">
        <?php
          $count=0;
          for($i=0; $i<$numberOfPages; $i++):
            $count=$i+1;
        ?>
        <li><a class="page-numbers" href="<?php
          $addition = "";
          if(isset($_GET['category'])){
            $addition .= '&category='.$_GET['category'];
          }
          if(isset($_GET['search'])){
            $addition .= '&search='.$_GET['search'];
          }
          echo $_SERVER['PHP_SELF']."?page=".$count.$addition;
        ?>"
        <?php
          if($count==$current){
            echo "class='current'";
          }
        ?>><?=$i+1?></a></li>
        <?php
          endfor;
        ?>
      </ul>
      <?php
        endif;
      ?>
    </div>
    <?php
      endif;
    ?>
  </div>
</section>
<div style="margin: 8px auto; display: block; text-align:center;">
</div>
```

3.19. view/pages/recipe.php

```php
<?php
```

```php
    include "model/fetchPost.php";
    include "model/fetchCommentsRecipe.php";
?>
<section class="w3l-breadcrumb py-5">
  <div class="container">
      <div class="header-section">
        <h3><?php
          if($mess != ""){
            echo $mess;
          }
          else{
            echo $data['postName'];
          }
        ?></h3>
      </div>
  </div>
</section>
<div style="margin: 8px auto; display: block; text-align:center;">
  <!---728x90--->
</div>

<section class="w3l-blog-single py-5">
  <div class="container py-lg-3">
    <?php
      if($mess == ""):
    ?>
    <div class="row abouthy-img-grids">
      <div class="col-lg-6 col-md-6 blog2-posts">
        <div class="img-circle postRecipe">
          <img src="assets/images/<?=$data['imgSrc']?>" class="img-fluid"
alt="<?=$data['postName']?>"/>
        </div>
      </div>
      <div class="col-lg-6 col-md-6 blog2-posts">
        <div class="message">
              <div class="single-post-content">
                <p class="mb-4"><?=$data['openingText']?></p>
                <p class="mb-4"><?=$data['text']?></p>
              </div>
        </div>
      </div>
    </div>
    <div class="row mt-5">
      <div class="col-lg-8 pl-lg-0 offset-lg-3 offset-0">
        <nav class="post-navigation row mb-4 mt-lg-0 mt-5 py-4 text-left">
```

```php
            <div id="rate" class="post-prev col-12 pr-sm-5">
              <?php
                if(isset($_SESSION['user'])):
              ?>
              <h4 class="side-title mb-2">Rate this post</h4>
              <?php
                else:
              ?>
              <h4 class="side-title mb-2"><a href="login.php" style="font-size:
28px;">Log in</a> to rate</h4>
              <?php
                endif;
              ?>
              <?php
                for($i=0; $i<5; $i++):
                  if($i<$rating):
              ?>
              <a href="" data-id="<?=$i+1?>"><i class="fas fa-star" data-
post="<?=$data['idPost']?>" data-rating="<?=$i+1?>"></i></a>
              <?php
                else:
              ?>
              <a href="" data-id="<?=$i+1?>"><i class="far fa-star" data-
post="<?=$data['idPost']?>" data-rating="<?=$i+1?>"></i></a>
              <?php
                endif;
              endfor;
              ?>
              <p id="errorRating"></p>
            </div>
          </nav>
          <h4 class="side-title ">Comments</h4>
          <?php
            if($comment != ""):
              foreach($comment as $c):
            ?>
          <div class="comments mt-5">
            <div class="media mt-4">
              <div class="media-body">
                <ul class="time-rply mb-2">
                  <li class="name mt-0 mb-2 d-block" style="color:
#000;"><?=$c['userName']?>
                    <?=$c['dateOfComment']?>
                  </li>
                </ul>
```

```php
            <p style="color: #383838;"><?=$c['commentText']?></p>
          </div>
        </div>
      </div>
      <?php
        endforeach;
      else:
      ?>
      <p>No comments yet!</p>
      <?php
        endif;
      ?>
      <div class="leave-comment-form mt-5" id="reply">
        <?php
          if(isset($_SESSION['user'])):
        ?>
        <h4 class="side-title mb-2">Leave your comment</h4>
        <form action="">
          <div class="form-group">
            <textarea name="postComment" id="postComment" class="form-control"
placeholder="Your Comment" spellcheck="false"></textarea>
          </div>
          <input type="hidden" id="idPost" value="<?=$_GET['id']?>"/>
          <div class="submit text-right">
            <input type="button" value="Post Comment" id="btnPostCom"
name="btnPost" class="btn btn-style btn-primary"/>
          </div>
        </form>
        <p id="messComment"></p>
        <?php
          else:
        ?>
        <h5><a href="register.php">Sign in</a> to post a comment!</h5>
        <?php
          endif;
        ?>
      </div>
    </div>
  </div>
  <?php
    endif;
  ?>
</div>
</section>
<div style="margin: 8px auto; display: block; text-align:center;">
```

```
    <!---728x90--->
</div>
```

3.20. view/pages/contact.php

```php
<?php
    include "model/survey.php";
?>

<section class="w3l-breadcrumb py-5">
  <div class="container">
      <div class="header-section">
        <h3>Contact</h3>
      </div>
  </div>
</section>
<section class="w3l-contact" id="contact">
    <div class="container py-5">
        <div class="contacts12-main py-md-3">
            <div class="header-section text-center">
                <h3 class="mb-md-5 mb-4">Send us a message</h3>
            </div>
            <form action="">
                <div class="main-input text-left">
                    <input type="text" name="emailMess" id="emailMess"
placeholder="Email" class="contact-input"/>
                    <p id="errorEmailMess"></p>
                    <input type="text" name="tbTitle" id="tbTitle"
placeholder="Title" class="contact-input" />
                    <p id="errorTitle"></p>
                    <textarea class="contact-textarea contact-input"
name="taMessage" id="taMessage" placeholder="Enter your message"></textarea>
                    <p id="errorTextarea"></p>
                </div>
                <div class="text-left">
                    <input type="button" value="Send" id="btnSend" name="btnSend"
class="btn btn-primary theme-button"/>
                </div>
                <p class="text-left" id="errorBtnSend"></p>
            </form>
        </div>
    </div>
    <div class="container py-5">
        <div id="survey" class="contacts12-main py-md-3">
            <div class="header-section text-center">
                <h3 class="mb-md-5 mb-1">Survey</h3>
                <h5><?=$survey['question']?></h5>
```

```php
            </div>
            <form action="">
                <input type="hidden" id="idSurvey"
value="<?=$survey['idSurvey']?>"/>
                <?php
                    foreach($answer as $a):
                ?>
                <br/>
                <input type="radio" name="answer" value="<?=$a['idAnswer']?>"/>
                <?php
                    if($a['idAnswer'] == $idAnswer){
                        echo "checked=true";
                    }
                    if($idAnswer != 0){
                        echo "disabled=true";
                    }
                ?>
                <?=$a['answerText']?>
                <br/>
                <?php
                    endforeach;
                ?>
                <br/>
                <input type="button" value="Submit" id="vote" class="btn btn-
primary theme-button"/>
                <?php
                    if($idAnswer != 0){
                        echo "disabled=true";
                    }
                ?>
                <input type="button" value="Results" id="surveyResult" class="btn
btn-primary theme-button"/>
                <p id="surveyError">
                    <?php
                        if($idAnswer != 0){
                            echo "You've already voted! Check results.";
                        }
                    ?>
                </p>
            </form>

            <div id="printResults">
            </div>
        </div>
    </div>
```

```
    <div class="contant11-top-bg py-5">
        <div class="container py-lg-3">
            <div class="d-grid contact section-gap">
                <div class="d-flex justify-content-center contact-info-left d-
grid">
                    <div class="contact-info">
                        <div class="icon">
                            <span class="fa fa-phone" aria-hidden="true"></span>
                        </div>
                        <div class="contact-details">
                            <h4>Phone:</h4>
                            <p>+381 64 321 1399</p>
                            <p>+381 63 281 4911</p>
                        </div>
                    </div>
                    <div class="contact-info">
                        <div class="icon">
                            <span class="fa fa-envelope-open-o" aria-
hidden="true"></span>
                        </div>
                        <div class="contact-details">
                            <h4>Email:</h4>
                            <p>info@foodster.com</p>
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </div>
</section>
<br/><br/><br/>
```

3.21. view/pages/login.php

```
<section class="w3l-login-page py-5">
  <div class="container py-lg-5">
    <div class="real_info">
      <div class="reallogin_info">
        <h2>Login to your Account</h2>
        <p>Enter your details to login.</p>
        <form action="" id="log">
          <label>Email</label>
          <div class="input-group">
            <input type="text" name="emailLog" id="emailLog"/>
            <p id="errorEmailLog"></p>
```

```
            </div>
            <label>Password</label>
            <div class="input-group">
              <input type="password" name="passLog" id="passLog"/>
              <p id="errorPassLog"></p>
            </div>
            <input type="button" class="btn btn-primary theme-button btn-login"
value="Log In" name="btnLog" id="btnLog"/>
            <p id="errorBtnLog"></p>
          </form>
          <p class="account1">Don't have an account? <a
href="register.php">Register here</a></p>
        </div>
      </div>
  </div>
</section>
<br/><br/><br/>
```

3.22. view/pages/register.php

```
<section class="w3l-login-page py-5">
  <div class="container py-lg-3">
    <div class="real_info">
      <div class="reallogin_info">
        <h2>Register now</h2>
        <p>Enter your details to Register.</p>
        <form action="" id="reg">
          <label>Name</label>
          <div class="input-group">
            <input type="text" id="name" name="name"/>
            <p id="errorName"></p>
          </div>
          <p id="errorName"></p>
          <label>Email</label>
          <div class="input-group">
            <input type="text" id="email" name="email"/>
            <p id="errorEmail"></p>
          </div>
          <label>Password</label>
          <div class="input-group">
            <input type="password" id="passReg" name="passReg"/>
            <p id="errorPass"></p>
          </div>
          <label>Confirm Password</label>
          <div class="input-group">
```

45

```
                <input type="password" id="passConf" name="passConf"/>
                <p id="errorConfPass"></p>
            </div>
            <input type="button" class="btn btn-primary theme-button btn-login"
value="Register" name="btnReg" id="btnReg"/>
            <p id="errorReg"></p>
        </form>
        <p class="account">By clicking Register, you agree to our Terms &amp;
Conditions!</p>
        <p class="account1">Already Registered? <a href="login.php">Log In
here</a></p>
        </div>
    </div>
  </div>
</section>
<br/><br/><br/>
```

3.23. view/pages/activation.php

```php
<?php
    require_once "model/activation.php";
?>
<div class="header-section text-center mb-md-5 mb-4">
     <h3><?=$data?></h3>
</div>
```

3.24. view/pages/admin.php

```html
<div id="adminPanel">
  <div id="nav">
    <div>
      <h1 id="adminLogo">
          <a href="" data-name="home">Foodster</a>
      </h1>
    </div>
    <ul>
      <li>
        <p>Recipes</p>
      </li>
      <li>
        <a href="" data-name="allRecipes">All recipes</a>
      </li>
      <li>
        <a href="" data-name="addRecipe">Add new recipe</a>
      </li>
      <li>
        <p>Categories</p>
      </li>
```

```html
      <li>
        <a href="" data-name="allCategories">All categories</a>
      </li>
      <li>
        <a href="" data-name="addCategory">Add new category</a>
      </li>
      <li>
        <p>Messages</p>
      </li>
      <li>
        <a href="" data-name="allMessages">All messages</a>
      </li>
      <li>
        <p>Comments</p>
      </li>
      <li>
        <a href="" data-name="allComments">All comments</a>
      </li>
      <li>
        <p>Surveys</p>
      </li>
      <li>
        <a href="" data-name="allSurveys">All surveys</a>
      </li>
      <li>
        <a href="" data-name="activeSurveys">Active surveys</a>
      </li>
      <li>
        <a href="" data-name="addSurvey">Add new survey</a>
      </li>
      <li>
        <p>Users</p>
      </li>
      <li>
        <a href="" data-name="allUsers">All users</a>
      </li>
    </ul>
    </div>

    <div id="recipes" class="admin">
    </div>
</div>
<script src="https://code.jquery.com/jquery-3.6.4.min.js" integrity="sha256-
oP6HI9z1XaZNBrJURtCoUT5SUnxFr8s3BzRl+cbzUq8=" crossorigin="anonymous"></script>
<script src="assets/js/main.js"></script>
```

```
</body>
</html>
```

3.25. view/pages/author.php

```html
<section id="author" class="w3l-author py-5">
    <div class="container py-lg-3">
        <div class="row align-items-center">
            <div class="col-lg-3 col-sm-4 col-7 order-first">
                <div class="author-image">
                    <img src="assets/images/site-author.jpg" alt="site author"
class="img-fluid"/>
                </div>
            </div>
            <div class="col-lg-9 col-sm-12 order-md-first mt-lg-0 mt-4">
                <h2 class="mt-2 mb-3 title">Marijana Milanović 130/21</h2>
                <p>ICT College</p>
                <p>Module: Web programming</p>
                <p>Date of birth: 24th December 2002</p>
            </div>
        </div>
    </div>
</section>
```

3.26. view/pages/error.php

```html
<div style="margin: 8px auto; display: block; text-align:center;">
  <!---728x90--->
</div>
<section class="w3l-error py-5">
  <div class="container py-lg-3">
    <div class="error_content text-center">
      <span class="fa fa-frown-o"></span>
      <h2 class="mt-3">404</h2>
      <p class="mt-3 mb-5">It looks like nothing was found at this location.</p>
    </div>
  </div>
</section>
<div style="margin: 8px auto; display: block; text-align:center;">
  <!---728x90--->
</div>
```

3.27. model/activation.php

```php
<?php
    require_once "connection.php";
    $code = $_GET['code'];

    $query = "SELECT * FROM users WHERE activationCode=:code";
    $preparation = $connection->prepare($query);
```

48

```php
    $preparation->bindParam(":code", $code);
    try{
        $preparation->execute();
        if($preparation->rowCount()==1){
            $user = $preparation->fetch();
            $name = $user['name'];
            $active = 1;
            $query2 = "UPDATE users SET active=:active WHERE
activationCode=:code";
            $preparation2 = $connection->prepare($query2);
            $preparation2->bindParam(":active", $active);
            $preparation2->bindParam(":code", $code);
            try{
                $preparation2->execute();
                $data = "$name, you have successfully activated your account.";
            }
            catch(PDOException $e){
                $data = "Server error";;
            }
        }
        else{
            $data = "Invalid code";
        }
    }
    catch(PDOException $e){
        $data = "Server error";
    }
?>
```

3.28. model/addCategory.php

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

    $mess = "";
    $code = 200;

    @$img = $_FILES['img'];
    $title = $_POST['name'];
    $error = 0;

    $reTitle = "/^[A-Z][a-z]+(\s[a-z]+)*$/";

    if(@!$_FILES['img']){
        $mess = "You have to choose image.";
        $error++;
    }
```

```php
    if(!preg_match($reTitle, $title)){
        $mess = "Title must begin with capital letter and have 1 word minimum.";
        $error++;
    }

    if($error == 0){
        $tmpName = $img['tmp_name'];
        $size = $img['size'];
        $type = $img['type'];
        $name = $img['name'];
        $namePath = time().$name;
        $path = "../assets/images/$namePath";
        $result = move_uploaded_file($tmpName, $path);
        if(!$result){
            $mess = "Error";
            $code = 200;
        }
        else{
            $query = "INSERT INTO categories VALUES (NULL, :name, :img)";
            $preparation = $connection->prepare($query);
            $preparation->bindParam(":name", $title);
            $preparation->bindParam(":img", $namePath);
            try{
                $preparation->execute();
                $mess = "Category successfully added!";
                $code = 201;
            }
            catch(PDOException $e){
                $mess = "Server error";
                $code = 500;
            }
        }
    }

    echo json_encode($mess);
    http_response_code($code);
?>
```

3.29. model/addRecipe.php

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

    if(isset($_POST['btn'])){
        $mess = "";
        $code = 200;
        @$img = $_FILES['img'];
```

```php
        @$tmpName = $img['tmp_name'];
        @$size = $img['size'];
        @$type = $img['type'];
        @$name = $img['name'];
        @$namePath = time().$name;
        @$path = "../assets/images/$namePath";

        $title = $_POST['title'];
        $openingText = $_POST['openingText'];
        $text = $_POST['text'];
        $cat = $_POST['category'];
        $date = date("Y-m-d H:i:s");

        $error = 0;

        $reTitle = "/^[A-Z][a-z]+(\s[A-Z][a-z]+)+$/";
        $reOpText = explode(" ", $openingText);
        $reText = explode(" ", $text);

        if(!preg_match($reTitle, $title)){
            $mess = "Name must begin with capital letter and have 2 words
minimum.";
            $error++;
        }
        if(count($reOpText) < 5){
            $mess = "Opening text must begin with capital letter and have 5 words
minimum.";
            $error++;
        }
        if(count($reText) < 50){
            $mess = "Text must begin with capital letter and have 50 words
minimum.";
            $error++;
        }
        if($cat == 0){
            $mess = "You have to choose category.";
            $error++;
        }
        if(@!$_FILES['img']){
            $mess = "You have to choose image.";
            $error++;
        }
        if($error == 0){
            $result = move_uploaded_file($tmpName, $path);
            if(!$result){
```

51

```php
                $mess = "Error";
                $code = 200;
            }
            else{
                $query = "INSERT INTO posts VALUES (null, :title, :text, :date,
:img, :openingText, :idCategory)";
                $preparation = $connection->prepare($query);
                $preparation->bindParam("title", $title);
                $preparation->bindParam("text", $text);
                $preparation->bindParam("date", $date);
                $preparation->bindParam("img", $namePath);
                $preparation->bindParam("openingText", $openingText);
                $preparation->bindParam("idCategory", $cat);
                try{
                    $preparation->execute();
                    $mess = "Recipe successfully added!";
                    $code = 201;
                }
                catch(PDOException $e){
                    $mess = "Server error";
                    $code = 500;
                }
            }
        }
    }
    else{
        $code = 404;
        $mess = "The page you are looking for doesn't exist, have been removed or
you have to log in.";
    }

    echo json_encode($mess);
    http_response_code($code);
?>
```

3.30. model/addSurvey.php

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

    $answer = $_POST['answer'];
    $question = $_POST['question'];
    $data = "";
    $code = 200;
    $active = 0;
    $error = 0;
    $count = 1;
```

```php
    $reQuestion = "/^[A-Z][a-z]+\s[a-z]+$/";
    $reAnswer = "/^[A-Z][a-z]+\s[a-z]+$/";
    if(!preg_match($reQuestion, $question)){
        $data = "Question must begin with capital letter and have minimum 2
words.";
        $error++;
    }
    foreach($answer as $a){
        if(!preg_match($reQuestion, $a)){
            $data = "Answer must begin with capital letter and have minimum 2
words, answer $count is not well formated.";
            $error++;
        }
        $count++;
    }
    if($error == 0){
        $query = "INSERT INTO survey VALUES (null, :question, :active)";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":question", $question);
        $preparation->bindParam(":active", $active);

        try{
            $preparation->execute();
            $id = $connection->lastInsertId();
            foreach($answer as $a){
                $query2 = "INSERT INTO answers VALUES (null, :text, :idSurvey)";
                $preparation2 = $connection->prepare($query2);
                $preparation2->bindParam(":text", $a);
                $preparation2->bindParam(":idSurvey", $id);
                try{
                    $preparation2->execute();
                    $data = "Survey successfully added!";
                    $code = 201;
                }
                catch(PDOException $e){
                    $code = 500;
                    $data = "Server error";
                }
            }
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
```

```
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.31. model/allRecipes.php

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

    $query = "SELECT p.*, ROUND(AVG(r.rating)) AS rating FROM posts p LEFT JOIN
rating r on p.idPost=r.idPost GROUP BY p.name";
    try{
        $data = $connection->query($query)->fetchAll();
        $code = 200;
    }
    catch(PDOException $e){
        $data = "Server error";
        $code = 500;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.32. model/allSurveys.php

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

    $data = "";
    $query = "SELECT s.question, a.answerText, COUNT(sa.idAnswer) AS count FROM
answers a LEFT JOIN answerssurvey sa ON a.idAnswer=sa.idAnswer INNER JOIN survey
s ON a.idAnswer=s.idAnswer GROUP BY a.idAnswer";
    try{
        $result = $connection->query($query)->fetchAll();
        $data = $result;
        $code = 200;
    }
    catch(PDOException $e){
        $data = "Server error";
        $code = 500;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.33. model/changeActivitySurvey.php

```php
<?php
```

```php
    require_once "connection.php";

    $data = "";
    $query = "SELECT * FROM survey";

    try{
        $result = $connection->query($query)->fetchAll();
        $data = $result;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.34. model/connection.php

```php
<?php
    require_once "parameters.php";
    try{
        $connection = new PDO("mysql:host=$host;dbname=$database", $user, $pass,
array(PDO::MYSQL_ATTR_INIT_COMMAND=>"SET NAMES 'utf8' COLLATE
'utf8_unicode_ci'"));
        $connection->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
    }
    catch (PDOException $e){
        echo $e->getMessage();
    }
?>
```

3.35. model/deleteCategory.php

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

    if(isset($_POST["btnDelete"])){
        $id = $_POST['id'];
        $data = "";
        $query = "DELETE FROM categories WHERE idCategory=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $id);

        try{
            $preparation->execute();
```

```php
            $data = "Category deleted!";
            $code = 200;
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.36. model/deleteComment.php

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

    if(isset($_POST['button'])){
        $id = $_POST['idComment'];
        $data = "";
        $query = "DELETE FROM comments WHERE idComment=:idComment";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":idComment", $id);
        try{
            $preparation->execute();
            $data = "Comment deleted!";
            $code = 200;
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.37. model/deleteMessage.php

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

    if(isset($_POST['button'])){
        $id = $_POST['id'];
        $data = "";
        $query = "DELETE FROM messages WHERE idMessage=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $id);
        try{
            $preparation->execute();
            $data = "Message deleted!";
            $code = 200;
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.38. model/deleteRecipe.php

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

    if(isset($_POST["btnDelete"])){
        $id = $_POST["id"];
        $data = "";
        $query = "DELETE FROM posts WHERE idPost=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $id);

        try{
            $preparation->execute();
            $data = "Recipe deleted!";
            $code = 200;
        }
```

```php
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.39. model/fetchCategories.php

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

    $data = "";
    $query = "SELECT * FROM categories";

    try{
        $category = $connection->query($query)->fetchAll();
        $data = $category;
        $code = 200;
    }
    catch(PDOException $e){
        $data = "Server error";
        $code = 500;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.40. model/fetchComments.php

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

    $data = "";
    $query = "SELECT * FROM comments c INNER JOIN users u ON c.idUser=u.idUser
ORDER BY RAND() LIMIT 4";

    try{
        $comments = $connection->query($query)->fetchAll();
        $data = $comments;
        $code = 200;
```

```php
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.41. model/fetchCommentsAdmin.php

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

    $data = "";
    $query = "SELECT p.name AS postName, c.*, u.name AS userName, c.date AS
commentDate FROM comments c INNER JOIN users u ON u.idUser=c.idUser INNER JOIN
posts p on c.idPost=p.idPost ORDER BY p.idPost";

    try{
        $comments = $connection->query($query)->fetchAll();
        $data = $comments;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.42. model/fetchCommentsRecipe.php

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

    $comment = "";

    if(isset($_GET['id'])){
        $postId = $_GET['id'];
        $query = "SELECT c.*, u.*, c.date AS dateOfComment, c.text AS
commentText, u.name AS userName FROM comments AS c INNER JOIN users AS u ON
c.idUser=u.idUser WHERE c.idPost=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $postId);
        try{
```

```php
            $preparation->execute();
            $result = $preparation->fetchAll();
            if($preparation->rowCount() != 0){
                $comment = $result;
            }
            else{
                $code = 404;
            }
        }
        catch(PDOException $e){
            $code = 500;
        }
    }
    else{
        $code = 404;
    }
?>
```

3.43. model/fetchLatestPosts.php

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

    $data = "";
    $query = "SELECT * FROM posts ORDER BY date DESC LIMIT 3";

    try{
        $post = $connection->query($query)->fetchAll();
        $data = $post;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.44. model/fetchMessages.php

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

    $data = "";
    $query = "SELECT * FROM messages ORDER BY date DESC";

    try{
```

```php
        $messages = $connection->query($query)->fetchAll();
        $data = $messages;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.45. model/fetchNav.php

```php
<?php
    session_start();
    require_once "connection.php";

    $data = "";

    if(isset($_SESSION['user'])){
        $user = $_SESSION['user'];
        if($user['idRole'] == 1){
            $display = 2;
        }
        else{
            $display = 1;
        }
    }
    else{
        $display = 3;
    }

    $query = "SELECT * FROM nav WHERE display=0";

    if($display == 3){
        //neautorizovan korisnik
        $query .= " OR display=3";
    }
    else if($display == 2){
        //admin
        $query .= " OR display=2 OR display=1";
    }
    else{
        //ulogovan korisnik
        $query .= " OR display=1";
    }
```

```php
    $query .= " ORDER BY priority";

    try{
        $nav = $connection->query($query)->fetchAll();
        $data = $nav;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.46. model/fetchPost.php

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

    $data = "";
    $mess = "";

    if(isset($_GET['id'])){
        $postId = $_GET['id'];
        $query = "SELECT p.*, p.name AS postName FROM posts AS p WHERE
p.idPost=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $postId);
        try{
            $preparation->execute();
            $result = $preparation->fetch();
            $code = 200;
            if($preparation->rowCount() == 1){
                $data = $result;
                $rating = 0;
                if(isset($_SESSION['user'])){
                    $user = $_SESSION['user'];
                    $idUser = $user['idUser'];

                    $fetchRating = "SELECT r.rating FROM rating r INNER JOIN
users u ON r.idUser=u.idUser WHERE r.idUser=:idUser AND r.idPost=:idPost";
                    $preparation2 = $connection->prepare($fetchRating);
                    $preparation2->bindParam(":idUser", $idUser);
                    $preparation2->bindParam(":idPost", $postId);
                    try{
```

```php
                $preparation2->execute();
                $res = $preparation2->fetch();
                $rating = $res['rating'];
            }
            catch(PDOException $e){
                $data = "Server error";
            }
        }
    }
    else{
        $mess = "There is no match.";
        $code = 404;
    }
}
catch(PDOException $e){
    $data = "Server error";
    $data = 500;
}
}
else{
    $data = "Server error";
    $code = 404;
}
?>
```

3.47. model/fetchPosts.php

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

    $data = "";
    $mess = "";

    $idCat = 0;
    $page = 1;

    if(isset($_GET['category'])){
        $idCat = $_GET['category'];
        $catName = "SELECT * FROM categories WHERE idCategory=:idCat";
        $preparation = $connection->prepare($catName);
        $preparation->bindParam(":idCat", $idCat);
        try{
            $preparation->execute();
            if($preparation->rowCount() == 0){
                $mess = "There is no match.";
            }
            $category = $preparation->fetch();
```

```php
            $title = $category['name'];
        }
        catch(PDOException $e){
            $code = 500;
            $mess = "Server error";
        }

        $fetchAll = "SELECT * FROM posts WHERE idCategory=:idCat";
        if(isset($_GET['search'])){
            $search = $_GET['search'];
            $fetchAll .= " AND name LIKE '%$search%'";
        }
        $preparation2 = $connection->prepare($fetchAll);
        $preparation2->bindParam(":idCat", $idCat);
    }
    else{
        $fetchAll = "SELECT * FROM posts";
        if(isset($_GET['search'])){
            $search = $_GET['search'];
            $fetchAll .= " WHERE name LIKE '%$search%'";
        }
    }

    try{
        if(isset($_GET['category'])){
            $preparation2->execute();
            if($preparation2->rowCount() == 0){
                $mess = "There is no match.";
            }
            $result = $preparation2->fetchAll();
            $total = $preparation2->rowCount();
        }
        else{
            $all = $connection->query($fetchAll);
            $total = $all->rowCount();

            if($total == 0){
                $mess = "There is no match";
            }
            $title = "Recipes";
        }

        $offset = 1;
        $limit = 4;
```

```php
        $numberOfPages = ceil($total/$limit);

        $query = "SELECT * FROM posts";

        if(isset($_GET['category'])){
            $query .= " WHERE idCategory=:idCat";
        }
        if(isset($_GET['search'])){
            $search = $_GET['search'];
            if(isset($_GET['category'])){
                $query .= " AND name LIKE '%$search%'";
                $echo = "TU";
            }
            else{
                $query .= " WHERE name LIKE '%$search%'";

            }
        }

        $query .= " GROUP BY name LIMIT :limitValue OFFSET :offsetValue";

        $preparation3 = $connection->prepare($query);

        if(isset($_GET['category']) != 0){
            $preparation3->bindParam(":idCat", $_GET['category']);
        }
        if(isset($_GET['page'])){
            $page = $_GET['page'] - 1;
            $offset = $page * $limit;
        }
        $preparation3->bindParam(":limitValue", $limit, PDO::PARAM_INT);
        $preparation3->bindParam(":offsetValue", $offset, PDO::PARAM_INT);
        try{
            $preparation3->execute();
            $data = $preparation3->fetchAll();
            if($preparation3->rowCount() == 0){
                $mess = "There is no match.";
            }
        }
        catch(PDOException $e){
            $code = 500;
            $mess = $e;
        }
    }
    catch(PDOException $e){
```

```php
        $mess = $e;
        $code = 500;
    }
?>
```

3.48. model/fetchUsers.php

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

    $data = "";
    $query = "SELECT * FROM users";

    try{
        $users = $connection->query($query)->fetchAll();
        $data = $users;
        $code = 200;
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.49. model/fillSurvey.php

```php
<?php
    session_start();
    require_once "connection.php";

    $data="";

    if(isset($_POST['send'])){
        if(isset($_SESSION['user'])){
            $idSurvey = $_POST['survey'];
            $answ = $_POST['choice'];
            $user = $_SESSION['user'];
            $idUser = $user['idUser'];
            $query = "INSERT INTO answerssurvey VALUES (NULL, :idAnswer,
:idSurvey, :idUser)";
            $preparation = $connection->prepare($query);
            $preparation->bindParam(":idAnswer", $answ);
            $preparation->bindParam(":idSurvey", $idSurvey);
            $preparation->bindParam(":idUser", $idUser);
            try{
```

```php
                $preparation->execute();
                $code = 201;
                $data = "Thank you for voting!";
            }
            catch(PDOException $e){
                $code = 500;
                $data = "Server error";
            }
        }
        else{
            $code = 200;
            $data = "You have to log in to vote!";
        }
    }
    else{
        $code = 404;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.50. model/log.php

```php
<?php
    session_start();
    require_once "connection.php";

    $data = "";
    if(isset($_POST["btnLog"])){
        $email = $_POST["emailLog"];
        $pass = $_POST["passLog"];

        $reEmail = "/^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/";
        $rePass = "/^.{8,50}$/";
        $error = [];

        if(!preg_match($reEmail, $email)){
            array_push($error, "Invalid email. Example: paulwesley@gmail.com");
        }
        if(!preg_match($rePass, $pass) && strlen($pass) < 8){
            array_push($error, "Password must contain at least 8 characters.");
        }

        if(count($error) == 0){
            $active = 1;
            $checkUser = "SELECT * FROM users WHERE email=:email AND
active=:active";
```

```php
            $preparation = $connection->prepare($checkUser);
            $preparation->bindParam(":email", $email);
            $preparation->bindParam(":active", $active);
            try{
                $preparation->execute();
                if($preparation->rowCount()==1){
                    $query = "SELECT * FROM users u INNER JOIN role r ON
u.idRole=r.idRole WHERE email=:email AND pass=:pass";
                    $pass = md5($pass);
                    $preparation2 = $connection->prepare($query);
                    $preparation2->bindParam(":email", $email);
                    $preparation2->bindParam(":pass", $pass);
                    try{
                        $preparation2->execute();
                        $code = 200;
                        if($preparation2->rowCount()==1){
                            $user = $preparation2->fetch();
                            $_SESSION["user"] = $user;
                            $code = 201;
                            $data = "Successfully logged in!";
                        }
                        else{
                            $data = "The password is incorrect.";
                        }
                    }
                    catch(PDOException $e){
                        $code = 500;
                        $data = "Server error";
                    }
                    $code = 200;
                }
                else{
                    $code = 200;
                    $data = "No user with that email address was found or the
account isn't activated.";
                }
            }
            catch(PDOException $e){
                $code = 500;
                $data = "Server error";
            }
        }
        else{
            $data = $error;
            $code = 404;
```

```php
        }
        $code = 200;
    }
    else{
        $data = "The page you are looking for doesn't exist, have been removed or
you have to log in.";
        $code = 404;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.51. model/logout.php

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

    header("location:login.php");
?>
```

3.52. model/parameters.php

```php
<?php
    $database = "id20460351_blogfoodster";
    $user = "";
    $pass = "";
    $host = "localhost";
?>
```

3.53. model/postComment.php

```php
<?php
    session_start();
    require_once "connection.php";

    if(isset($_POST['postCom'])){
        $idPost = $_POST['idPost'];
        $comment = $_POST['comment'];
        $mess = $idPost;
        $user = $_SESSION['user'];
        $idUser = $user['idUser'];

        if(count($comment)<=4){
            $mess = "Comment must contain more than 5 words!";
            $code = 200;
        }
        else{
            $insert = "INSERT INTO comments VALUES (NULL, :text, :date, :idUser,
:idPost)";
```

```php
            $date = date("Y-m-d H:i:s");
            $comment = implode(" ", $comment);
            $preparation = $connection->prepare($insert);
            $preparation->bindParam(":text", $comment);
            $preparation->bindParam(":date", $date);
            $preparation->bindParam(":idUser", $idUser);
            $preparation->bindParam(":idPost", $idPost);
            try{
                $preparation->execute();
                $mess = "Success";
                $code = 201;
            }
            catch(PDOException $e){
                $mess = "Server error";
                $code = 500;
            }
        }
    }
    else{
        $code = 404;
        $mess = "Error";
    }
    echo json_encode($mess);
    http_response_code($code);
?>
```

3.54. model/rate.php

```php
<?php
    session_start();
    require_once "connection.php";

    if(isset($_POST['click'])){
        if(isset($_SESSION['user'])){
            $rating = $_POST['rating'];
            $user = $_SESSION['user'];
            $idUser = $user['idUser'];
            $recipe = $_POST['recipe'];
            $query = "SELECT * FROM rating WHERE idUser=:idUser AND
idPost=:idPost";
            $preparation = $connection->prepare($query);
            $preparation->bindParam(":idUser", $idUser);
            $preparation->bindParam(":idPost", $recipe);
            try{
                $preparation->execute();
                $result = $preparation->fetch();
                if($result){
```

```php
                $update = "UPDATE rating SET rating=:rating WHERE
idUser=:idUser AND idPost=:idPost";
                $preparation2 = $connection->prepare($update);
                $preparation2->bindParam(":rating", $rating);
                $preparation2->bindParam(":idUser", $idUser);
                $preparation2->bindParam(":idPost", $recipe);
                try{
                    $preparation2->execute();
                    $mess = "Thank you for rating!";
                    $code = 204;
                }
                catch(PDOException $e){
                    $mess = "Server error";
                    $code = 500;
                }
            }
            else{
                $insert = "INSERT INTO rating VALUES(null, :idPost, :idUser,
:rating)";
                $preparation3 = $connection->prepare($insert);
                $preparation3->bindParam(":idPost", $recipe);
                $preparation3->bindParam(":idUser", $idUser);
                $preparation3->bindParam(":rating", $rating);
                try{
                    $preparation3->execute();
                    $mess = "Thank you for rating!";
                    $code = 201;
                }
                catch(PDOException $e){
                    $mess = "Server error";
                    $code = 500;
                }
            }
        }
        catch(PDOException $e){
            $mess = "Server error";
            $code = 500;
            noteError($e);
        }
    }
    else{
        $mess = "Log in to rate";
        $code = 200;
    }
}
```

```php
    echo json_encode($mess);
    http_response_code($code);
?>
```

3.55. model/registration.php

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

    $data = "";
    if(isset($_POST["btnReg"])){
        $name = $_POST['name'];
        $email = $_POST['email'];
        $pass = $_POST['passReg'];
        $passConf = $_POST['passConf'];

        $reName = "/^(([A-ZČĆŽĐŠ][a-zčćžđš]{2,15})+)\s(([A-ZČĆŽĐŠ][a-
zčćžđš]{2,15})+)$/";
        $reEmail = "/^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/";
        $rePass = "/^.{8,50}$/";
        $error = [];

        if(!preg_match($reName, $name)){
            array_push($error, "Invalid name. Example: Paul Wesley");
        }
        if(!preg_match($reEmail, $email)){
            array_push($error, "Invalid email. Example: paulwesley@gmail.com");
        }
        if(!preg_match($rePass, $pass) && strlen($pass) < 8){
            array_push($error, "Password must contain at least 8 characters.");
        }
        if($passConf != $pass){
            array_push($error, "Passwords don't match.");
        }

        $checkEmail = "SELECT email FROM users WHERE email=:email";
        $preparation = $connection->prepare($checkEmail);
        $preparation->bindParam(":email", $email);
        try{
            $preparation->execute();
            $result = $preparation->fetch();
            if($preparation->rowCount()==1){
                $data = "There is already a user with that email address.";
                $code = 200;
            }
            else{
```

```php
                if(count($error) == 0){
                    $insert = "INSERT INTO users VALUES(NULL, :name, :email,
:pass, :active, :activationCode, :date, :idRole)";
                    $pass = md5($pass);
                    $date = date("Y-m-d H:i:s");
                    $role = 2;
                    $active = 1;
                    $acCode = md5(time().md5($email));

                    mail($email, "Account activation",
"https://foodsterblog.000webhostapp.com/activation.php?code=" . $acCode);
                    $preparation2 = $connection->prepare($insert);
                    $preparation2->bindParam(":name", $name);
                    $preparation2->bindParam(":email", $email);
                    $preparation2->bindParam(":pass", $pass);
                    $preparation2->bindParam(":active", $active);
                    $preparation2->bindParam(":activationCode", $acCode);
                    $preparation2->bindParam(":date", $date);
                    $preparation2->bindParam(":idRole", $role);
                    try{
                        $success = $preparation2->execute();
                        $code = 201;
                        $data = "You have successfully registered! Check your
email to activate your account.";
                    }
                    catch(PDOException $e){
                        $code = 500;
                        $data = "Server error";
                    }
                }
                else{
                    $data = $error;
                    $code = 422;
                }
            }
        }
        catch(PDOException $e){
            $data = "Server error";
            $code = 500;
        }
    }
    else{
        $code = 404;
        $data = "Error";
    }
```

```php
        echo json_encode($data);
        http_response_code($code);
?>
```

3.56. model/sendMessage.php

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

    $data = "";
    if(isset($_POST["btnSend"])){
        $code = 200;
        $error = 0;

        $email = $_POST["emailMess"];
        $title = $_POST["tbTitle"];
        $message = $_POST["taMessage"];
        $reEmail = "/^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/";
        $reTitle = "/^[\w\s]+$/";

        if(!preg_match($reEmail, $email)){
            $error++;
            $data = "Invalid email. Example: paulwesley@gmail.com";
        }
        if(!preg_match($reTitle, $title)){
            $error++;
            $data = "The title is incorrect.";
        }
        if(count($message) < 5){
            $error++;
            $data = "The message must contain at least 5 words.";
        }

        if($error == 0){
            $message = implode(" ", $message);
            $date = date("Y-m-d H:i:s");
            $insert = "INSERT INTO messages VALUES(null, :title, :message,
:email, :date)";
            $preparation = $connection->prepare($insert);
            $preparation->bindParam(":title", $title);
            $preparation->bindParam(":message", $message);
            $preparation->bindParam(":email", $email);
            $preparation->bindParam(":date", $date);
            try{
                $preparation->execute();
                $data = "The message has been sent!";
                $code = 201;
```

```php
            }
            catch(PDOException $e){
                $data = "Server error";
                $code = 500;
                noteError($e);
            }
        }
    }
    else{
        $code = 404;
        $data = "Error";
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.57. model/survey.php

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

    $query = "SELECT * FROM survey WHERE active=1";
    $idAnswer = 0;
    try{
        $result = $connection->query($query);
        $survey = $result->fetch();
        $code = 200;
        $idSurvey = $survey['idSurvey'];
        $answers = "SELECT * FROM answers WHERE idSurvey=:idSurvey";
        $preparation = $connection->prepare($answers);
        $preparation->bindParam(":idSurvey", $idSurvey);
        try{
            $preparation->execute();
            $answer = $preparation->fetchAll();
            if(isset($_SESSION['user'])){
                $user = $_SESSION['user'];
                $idUser = $user['idUser'];
                $answ = "SELECT * FROM answersSurvey WHERE idUser=:idUser AND
                idSurvey=:idSurvey";
                $preparation2 = $connection->prepare($answ);
                $preparation2->bindParam(":idUser", $idUser);
                $preparation2->bindParam(":idSurvey", $idSurvey);
                try{
                    $preparation2->execute();
                    if($preparation2->rowCount() == 1){
                        $row = $preparation2->fetch();
                        $idAnswer = $row['idAnswer'];
```

```php
                }
            }
            catch(PDOException $e){
                echo "Server error";
            }
        }
    }
    catch(PDOException $e){
        echo "Server error";
    }
}
catch(PDOException $e){
    $code = 500;
    echo "Server error";
}
?>
```

3.58. model/surveyResults.php

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

    $data = "";
    $code = 200;
    if(isset($_POST['result'])){
        $idSurvey = $_POST['survey'];
        $query = "SELECT a.answerText, COUNT(sa.idAnswer) AS count FROM answers a
INNER JOIN answerssurvey sa ON a.idAnswer=sa.idAnswer WHERE a.idSurvey=:idSurvey
GROUP BY a.answerText";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":idSurvey", $idSurvey);
        try{
            $preparation->execute();
            if($preparation->rowCount() != 0){
                $data = $preparation->fetchAll();
                $code = 200;
            }
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }
```

```php
    echo json_encode($data);
    http_response_code($code);
?>
```

3.59. model/update.php

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

    if(isset($_POST["btnUpdate"])){
        $id = $_POST["id"];
        $title = $_POST["title"];
        $openingText = $_POST["openingText"];
        $text = $_POST["text"];
        $code = 200;
        $error = 0;

        $reTitle = "/^[A-Z][a-z]+(\s[A-Z][a-z]+)+$/";
        $reOpeningText = explode(" ", $openingText);
        $reText = explode(" ", $text);

        if(!preg_match($reTitle, $title)){
            $data['mess'] = "Name must begin with capital letter and have 2 words
minimum.";
            $error++;
        }
        if(count($reOpeningText) < 5){
            $data['mess'] = "Opening text must begin with capital letter and have
5 words minimum.";
            $error++;
        }
        if(count($reText) < 50){
            $data['mess'] = "Text must begin with capital letter and have 50
words minimum.";
            $error++;
        }

        if($error == 0){
            if(@$_FILES['img'] != NULL){
                $img = $_FILES['img'];
                $tmpName = $img['tmp_name'];
                $size = $img['size'];
                $type = $img['type'];
                $name = $img['name'];
                $name2 = time().$name;
                $path = "../assets/images/$name2";
```

```php
                $result = move_uploaded_file($tmpName, $path);
                if($result){
                    $query = "UPDATE posts SET name=:title, imgSrc=:img,
text=:text, openingText=:openingText WHERE idPost=:id";
                    $preparation = $connection->prepare($query);
                    $preparation->bindParam(":img", $name2);
                    $data['img'] = $name2;
                }
            }
            else{
                $query = "UPDATE posts SET name=:title, text=:text,
openingText=:openingText WHERE idPost=:id";
                $preparation = $connection->prepare($query);
                $data['img'] = $_POST['imgSrc'];
            }
            $preparation->bindParam(":id", $id);
            $preparation->bindParam(":title", $title);
            $preparation->bindParam(":text", $text);
            $preparation->bindParam(":openingText", $openingText);
            try{
                $preparation->execute();
                $data['mess'] = "Updated successfully!";
                $code = 200;
            }
            catch(PDOException $e){
                $code = 500;
                $data = "Server error";
            }
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }
    echo json_encode($data);
    http_response_code($code);
?>
```

3.60. model/updateCategory.php

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

    if(isset($_POST["btnUpdate"])){
        $id = $_POST['idCategory'];
        $title = $_POST['name'];
        $code = 200;
```

```php
        $error = 0;
        //$reTitle = "/^[A-Z][a-z]+(\s[a-z]+)*$/";

        // if(!preg_match($reTitle, $title)){
        //      $data = "Name must begin with capital letter and have 1 word
minimum.";
        //      $error++;
        // }

        if($error == 0){
            if(@$_FILES['img']!=NULL){
                $img = $_FILES['img'];
                $tmpName = $img['tmp_name'];
                $size = $img['size'];
                $type = $img['type'];
                $name = $img['name'];
                $namePath = time().$name;
                $path = "../assets/images/$namePath";

                $result = move_uploaded_file($tmpName, $path);

                if($result){
                    $query = "UPDATE categories SET name=:title, img=:img WHERE
idCategory=:id";
                    $preparation = $connection->prepare($query);
                    $preparation->bindParam(":img", $namePath);
                }
            }
            else{
                $query = "UPDATE categories SET name=:title WHERE
idCategory=:id";
                $preparation = $connection->prepare($query);
            }
            $preparation->bindParam(":id", $id);
            $preparation->bindParam(":title", $title);

            try{
                $preparation->execute();
                $data = "Updated successfully!";
                $code = 200;
            }
            catch(PDOException $e){
                $code = 500;
                $data = "Server error";
            }
```

```php
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.61. model/updateCatOnClick.php

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

    if(isset($_POST['button'])){
        $id = $_POST['id'];
        $data = "";
        $query = "SELECT * FROM categories WHERE idCategory=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $id);

        try{
            $preparation->execute();
            $data = $preparation->fetch();
            $code = 200;
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.62. model/updateRecipe.php

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

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

```php
        $id = $_POST['id'];
        $data = "";
        $query = "SELECT * FROM posts WHERE idPost=:id";
        $preparation = $connection->prepare($query);
        $preparation->bindParam(":id", $id);

        try{
            $preparation->execute();
            $data = $preparation->fetch();
            $code = 200;
        }
        catch(PDOException $e){
            $code = 500;
            $data = "Server error";
        }
    }
    else{
        $data = "Error";
        $code = 404;
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

3.63. model/updateSurvey.php

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

    $data = "";
    $id = $_POST['id'];
    $query = "UPDATE survey SET active=0";

    try{
        $connection->query($query);
        $setActive = "UPDATE survey SET active=:active WHERE idSurvey=:id";
        $active = 1;
        $preparation = $connection->prepare($setActive);
        $preparation->bindParam(":id", $id);
        $preparation->bindParam(":active", $active);
        try{
            $preparation->execute();
            $data = "Survey activity has changed!";
            $code = 200;
        }
        catch(PDOException $e){
```

```php
            $data = "Server error";
            $code = 500;
        }
    }
    catch(PDOException $e){
        $code = 500;
        $data = "Server error";
    }

    echo json_encode($data);
    http_response_code($code);
?>
```

4. Kodovi – CSS

```css
#surveyError, #printResults, #errorRating, #messComment, #errorName, #errorEmail,
#errorPass, #errorConfPass, #errorReg, #errorEmailLog, #errorPassLog,
#errorBtnLog, #errorEmailMess, #errorTitle, #errorTextarea, #errorBtnSend{
    color: #970a1d;
    font-weight: bold;
    padding-bottom: 0px;
}
input[type=button]:hover{
    background-color: #f13360!important;
}
#btnSend, #btnPost{
    padding: 10px 20px;
}
.postRecipe{
    width: 480px!important;
    height: 380px!important;
    border: none!important;
}
#titlePost{
    margin-left: 100px;
}
#adminPanel{
    width: 100%;
    display: flex;
}
#nav{
    background-color: #f2f0f3;
}
#nav ul li{
    margin: 20px 0px;
}
#nav div h1 a{
    padding-top: 20px;
    padding-bottom: 20px;
    padding-right: 50px;
    font-size: 35px;
}
#nav p{
    font-size: 20px;
    padding: 10px;
    background-color: #7b6871b6;
    color: #fff;
}
```

```css
#nav a{
    padding: 15px;
}
.adminRecipe{
    margin-left: 90px;
    margin-bottom: 20px;
    padding: 40px;
    width: 50%;
    border: 2px solid #7b6871b6;
    border-radius: 4px;
}
.textAllRecipes h3{
    font-size: 15px;
    margin-top: 7px;
}
#allRecipesHeading{
    padding: 30px;
}
.buttonsAdmin{
    margin-top: 10px;
    width: 7%;
    text-align: center;
    display: flex;
}
.recipeDelete{
    margin-right: 10px;
}
.recipeDelete, .recipeUpdate, #updateRecipe, #addNewRecipe, .categoryDelete,
.categoryUpdate, #updateCategory, #addNewCategory, #addAnswer, #addNewSurvey{
    border-radius: 4px;
    background-color: #7b6871b6;
    color: #fff;
    padding: 10px;
}
#addNewSurvey{
    margin-left: 15px;
}
.categoryUpdate{
    margin-left: 10px;
}
.buttonsAdmin a{
    margin-bottom: 5px;
}
.updateDiv{
    margin-left: 80px;
```

```css
        width: 1000px;
}
.updateDiv h2{
        padding: 30px 0px;
}
.forImg{
        width: 40%;
}
#imgInsertCategory{
        margin-bottom: 15px;
}
#nameInsertCategory{
        width: 100px;
}
#imgUpdate{
        width: 100%;
        margin-bottom: 10px;
        border-radius: 4px;
}
#updateRecipe, #addNewRecipe, #updateCategory{
        margin-bottom: 50px;
        border: none;
}
#adminLogo{
        padding: 15px;
}
#errorAdmin{
        margin-bottom: 30px;
}
#imgInsertRecipe{
        margin-bottom: 15px;
}
#formUpdate form input[type=text], #formUpdate form textarea, #formUpdate form
select, #activeSurvey{
        outline: none;
        padding: 17px 20px;
        border-radius: 0;
        color: var(--heading-color);
        width: 50%;
        font-size: 16px;
        line-height: 26px;
        margin-bottom: 15px;
        border-radius: var(--border-radius);
        border: 1px solid var(--border-color);
        background: var(--bg-color-three);
```

```css
}
#btnSearch{
    background: #fff;
    border: none;
}
input[type=search]{
    outline: none;
    padding: 10px 20px;
    border-radius: 0;
    color: var(--heading-color);
    width: 25%;
    font-size: 16px;
    line-height: 26px;
    margin-bottom: 15px;
    border-radius: var(--border-radius);
    border: 1px solid var(--border-color);
    background: var(--bg-color-three);
}
#activeSurvey{
    width: 100%;
}
#survey{
    background-color: var(--bg-color-three);
    border-radius: var(--border-radius);
}
#table{
    width: 100%;
    flex-wrap: wrap;
    padding: 50px;
}
#table h2{
    margin-bottom: 20px;
}
table{
    margin-top: 50px;
    width: 100%;
    border-collapse: collapse;
}
table tr:nth-child(even),table thead{
    background-color: #f1f1f1;
}
table td{
    text-align: center;
    padding: 10px;
}
```

```css
table th{
    background-color: #797676;
    padding: 15px;
}
```

Ostatak CSS-a je urađen preko template-a.

5. Kodovi – Java Script

```javascript
$(document).ready(function(){
    var url = location.href;

    fetchNav();

    if(url.indexOf("index.php") != -1){
        fetchLatestPosts();
        fetchCategories();
        fetchComments();
    }
    if(url.indexOf("recipe.php") != -1){
        $("#btnPostCom").click(postComment);
        $("#rate i").click(rate);
    }
    if(url.indexOf("login.php") != -1){
        $("#btnLog").click(login);
    }
    if(url.indexOf("register.php") != -1){
        $("#btnReg").click(register);
    }
    if(url.indexOf("contact.php") != -1){
        $("#btnSend").click(sendMessage);
        $("#vote").click(vote);
        $("#surveyResult").click(results);
    }
    if(url.indexOf("admin.php") != -1){
        admin();
    }
})

function fetchNav(){
    $.ajax({
        url: "model/fetchNav.php",
        method: "get",
        dataType: "json",
        success: function(data){
            printNav(data);
        },
        error: function(xhr){
            $("#navigation").html(JSON.parse(xhr.responseText));
        }
    })
}
```

```javascript
function printNav(data){
    let print = "";
    data.forEach(d => {
        print += `<li class="nav-item">
                    <a class="nav-link" href="${d.path}">${d.name}</a>
              </li>`;
    });
    $("#navigation").html(print);
}

function fetchLatestPosts(){
    $.ajax({
        url: "model/fetchLatestPosts.php",
        method: "get",
        dataType: "json",
        success: function(data){
            printLatestPosts(data);
        },
        error: function(xhr){
            $("#latestPosts").html(JSON.parse(xhr.responseText));
        }
    })
}

function printLatestPosts(data){
    let print = "";
    for(let d of data){
        print += `<div class="col-lg-4">
        <a href="recipe.php?id=${d.idPost}" class="blog-article-post height-full
bg-color-three d-flex flex-wrap align-content-between">
          <div class="post-content">
            <h4 class="blog_post_title">${d.name}</h4>
            <p>${d.openingText}</p>
          </div>
          <div class="read-button mt-5">Read whole recipe <span class="fa fa-
long-arrow-right" aria-hidden="true"></span></div>
        </a>
      </div>`;
    }
    document.getElementById("latestPosts").innerHTML += print;
}

function fetchCategories(){
    $.ajax({
```

```javascript
        url: "model/fetchCategories.php",
        method: "get",
        dataType: "json",
        success: function(data){
            printCategories(data);
        },
        error: function(xhr){
            $("#categories").html(JSON.parse(xhr.responseText));
        }
    })
}

function printCategories(data){
    let print = "";
    data.forEach(d => {
        print += `<a href="recipes.php?page=1&category=${d.idCategory}"
class="col-lg-4 bg-color-three mt-lg-0 mt-0">
        <div class="blog-article-post d-flex flex-wrap align-content-between">
          <div class="post-content">
            <img src="assets/images/${d.img}" alt="pasta" class="img-fluid"/>
            <h4 class="blog_post_title my-2">${d.name}</h4>
          </div>
        </div>
      </a>`;
    });
    $("#categories").html(print);
}

function fetchComments(){
    $.ajax({
        url: "model/fetchComments.php",
        method: "get",
        dataType: "json",
        success: function(data){
            printComments(data);
        },
        error: function(xhr){
            $("#comments").html(JSON.parse(xhr.responseText));
        }
    })
}

function printComments(data){
    let print = "";
    data.forEach(d => {
```

```javascript
        print += `<div class="col-lg-6">
        <div class="slider-info">
          <div class="message">
            <h5>${d.name}</h5>
            <p>${d.text}</p>
          </div>
        </div>
      </div>`;
    });
    $("#comments").html(print);
}

function login(){
    var email = document.getElementById("emailLog").value;
    var pass = document.getElementById("passLog").value;

    var reEmail = /^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/;
    var rePass = /^.{8,50}$/;

    if(!reEmail.test(email)){
        $("#errorEmailLog").html("Invalid email. Example:
paulwesley@gmail.com");
        return false;
    }
    else{
        $("#errorEmailLog").html("");
    }

    if(!rePass.test(pass)){
        $("#errorPassLog").html("Password must contain at least 8
characters.");
        return false;
    }
    else{
        $("#errorPassLog").html("");
    }

    $.ajax({
        url: "model/log.php",
        method: "post",
        dataType: "json",
        data: {
            "emailLog": email,
            "passLog": pass,
            "btnLog": true
```

```
            },
            success: function(data){
                if(data == "Successfully logged in!"){
                    location.href = "index.php";
                }
                else{
                    $("#errorBtnLog").html(data);
                }
            },
            error: function(xhr){
                $("#errorBtnLog").html(JSON.parse(xhr.responseText));
            }
        })
}

function register(){
    var name = document.getElementById("name").value;
    var email = document.getElementById("email").value;
    var pass = document.getElementById("passReg").value;
    var passConf = document.getElementById("passConf").value;

    var reName = /^(([A-ZČĆŽĐŠ][a-zčćžđš]{2,15})+)\s(([A-ZČĆŽĐŠ][a-
zčćžđš]{2,15})+)$/;
    var reEmail = /^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/;
    var rePass = /^.{8,50}$/;
    var error = 0;

    if(!reName.test(name)){
        $("#errorName").html("Invalid name. Example: Paul Wesley");
        error++;
    }
    else{
        $("#errorName").html("");
    }

    if(!reEmail.test(email)){
        $("#errorEmail").html("Invalid email. Example:
paulwesley@gmail.com");
        error++;
    }
    else{
        $("#errorEmail").html("");
    }

    if(!rePass.test(pass)){
```

```javascript
            $("#errorPass").html("Password must contain at least 8
characters.");
            error++;
        }
        else{
            $("#errorPass").html("");
        }

        if(passConf != pass){
            $("#errorConfPass").html("Passwords don't match.");
            error++;
        }
        else{
            $("#errorConfPass").html("");
        }

        if(error == 0){
            $.ajax({
                url: "model/registration.php",
                method: "post",
                dataType: "json",
                data: {
                    "name": name,
                    "email": email,
                    "passReg": pass,
                    "passConf": passConf,
                    "btnReg": true
                },
                success: function(data){
                    if(data == "There is already a user with that email address."){
                        $("#email").val("");
                        $("#errorEmail").html(data);
                    }
                    else{
                        $("input[type='text']").val("");
                        $("input[type='password']").val("");
                        $("#errorReg").html(data);
                    }
                },
                error: function(xhr){
                    if(xhr.status == 422){
                        error = JSON.parse(xhr.responseText);
                        //console.log(error);
                        if(error.errorName != ""){
                            $("#errorName").html(error.errorName);
```

```
                }
                if(error.errorEmail != ""){
                    $("#errorEmail").html(error.errorEmail);
                }
                if(error.errorPass != ""){
                    $("#errorPass").html(error.errorPass);
                }
                if(error.errorConfPass != ""){
                    $("#errorConfPass").html(error.errorConfPass);
                }
            }
            else{
                $("#errorReg").html(JSON.parse(xhr.responseText));
            }
        }
    })
  }
}

function rate(){
    var rating = this.dataset.rating;
    var post = this.dataset.post;

    $.ajax({
        url: "model/rate.php",
        method: "post",
        dataType: "json",
        data: {
            "rating": rating,
            "recipe": post,
            "click": true
        },
        success: function(data){
            if(data != "Log in to rate"){
                location.reload();
            }
            $("#errorRating").html(data);
        },
        error: function(xhr){
            $("#errorRating").html(JSON.parse(xhr.responseText));
        }
    })
}

function postComment(){
```

```javascript
        var idPost = $("#idPost").val();
        var comment = $("#postComment").val();

        comment = comment.split(" ");

        if(comment.length <= 4){
            $("#messComment").html("Comment must have 5 words minimum.");
            return false;
        }
        $.ajax({
            url: "model/postComment.php",
            method: "post",
            dataType: "json",
            data: {
                "idPost": idPost,
                "comment": comment,
                "postCom": true
            },
            success:function(data){
                if(data != "Success"){
                    $("#messComment").data;
                }
                location.reload();
            },
            error:function(xhr){
                $("#messComment").html(JSON.parse(xhr.responseText));
            }
        })
}

function sendMessage(){
    var email = document.getElementById("emailMess").value;
    var title = document.getElementById("tbTitle").value;
    var message = document.getElementById("taMessage").value;

    var reEmail = /^\w([\.-]?\w+\d*)*@\w+\.\w{2,6}$/;
    var reTitle = /^[\w\s]+$/;
    var error = 0;

    if(!reEmail.test(email)){
        $("#errorEmailMess").html("Invalid email. Example:
paulwesley@gmail.com");
        error++;
    }
    else{
```

```javascript
            $("#errorEmailMess").html("");
    }

    if(!reTitle.test(title)){
        $("#errorTitle").html("Title is required.");
        error++;
    }
    else{
        $("#errorTitle").html("");
    }

    message = message.split(" ");
    if(message.length < 5){
        $("#errorTextarea").html("The message must contain at least 5
words.");
        error++;
    }
    else{
        $("#errorTextarea").html("");
    }

    if(error == 0){
        $.ajax({
            url: "model/sendMessage.php",
            method: "post",
            dataType: "json",
            data: {
                "emailMess": email,
                "tbTitle": title,
                "taMessage": message,
                "btnSend": true
            },
            success: function(data){
                $("#errorBtnSend").html(data);
                $("#emailMess").val("");
                $("#tbTitle").val("");
                $("#taMessage").val("");
            },
            error: function(xhr){
                $("#errorBtnSend").html(JSON.parse(xhr.responseText));
            }
        })
    }
}
```

```
function vote(){
    var rb = $('input[name="answer"]:checked');
    var idSurvey = $("#idSurvey").val();
    var choice = rb.val();

    if(choice != undefined){
        $("#surveyError").html("Thank you for voting!");
        $.ajax({
            url: "model/fillSurvey.php",
            method: "post",
            dataType: "json",
            data: {
                "choice": choice,
                "survey": idSurvey,
                "send": true
            },
            success: function(data){
                $("#surveyError").html(data);
                $('input[name="answer"]').attr("disabled", true);
                results();
            },
            error: function(xhr){
                $("#surveyError").html(JSON.parse(xhr.responseText));
            }
        })
    }
    else{
        $("#surveyError").html("You didn't choose an answer.");
    }
}

function results(){
    var idSurvey = $("#idSurvey").val();
    $.ajax({
        url: "model/surveyResults.php",
        method: "post",
        dataType: "json",
        data: {
            "survey": idSurvey,
            "result": true
        },
        success: function(data){
            let print = "";
            for(let d of data){
                print += `<p>${d.answerText}: ${d.count} votes.</p>`;
```

```
                }
                $("#printResults").html(print);
            },
            error: function(xhr){
                $("#printResults").html(JSON.parse(xhr.responseText));
            }
        })
}

function admin(){
    allRecipes();
    $("#adminPanel a").click(function(e){
        console.log(this.dataset.name);
        e.preventDefault();
        var choice = this.dataset.name;
        if(choice == "allRecipes"){
            allRecipes();
        }
        if(choice == "addRecipe"){
            addRecipe();
        }
        if(choice == "allCategories"){
            allCategories();
        }
        if(choice == "addCategory"){
            addCategory();
        }
        if(choice == "allMessages"){
            allMessages();
        }
        if(choice == "allComments"){
            allComments();
        }
        if(choice == "allSurveys"){
            allSurveys();
        }
        if(choice == "addSurvey"){
            addSurvey();
        }
        if(choice == "activeSurveys"){
            activeSurveys();
        }
        if(choice == "allUsers"){
            allUsers();
        }
```

```javascript
        if(choice == "home"){
            location.href = "index.php";
        }
    })
}

function allRecipes(){
    $.ajax({
        url: "model/allRecipes.php",
        method: "post",
        dataType: "json",
        success: function(data){
            let print = '<h2 id="allRecipesHeading">All recipes</h2>';
            for(let d of data){
                print += `<div class='adminRecipe'>
                <div class="imgRecipe"><img src="assets/images/${d.imgSrc}"
alt="recipe" style="width: 90%; border-radius: 3px;"/></div>
                <div class='textAllRecipes'>
                    <h3>${d.name}</h3>
                    <div class="ratingPosts">`
                        var rating = d.rating;
                        for(let i=0; i<5; i++){
                            if(i<rating){
                                print += `<i class="fas fa-star"></i>`;
                            }
                            else{
                                print += `<i class="far fa-star></i>`;
                            }
                        }
                    print += `</div><br/>
                    <div class="buttonsAdmin">
                        <a class="recipeDelete" href="#" data-
id="${d.idPost}">Delete</a>
                        <a class="recipeUpdate" href="#" data-
id="${d.idPost}">Update</a>
                    </div>
                </div>
                </div>`;
            }

            $("#recipes").html(print);
            $(".recipeDelete").click(deleteRecipe);
            $(".recipeUpdate").click(updateRecipe);
        },
        error: function(xhr){
```

```javascript
            $("#recipes").html(JSON.parse(xhr.responseText));
        }
    })
}

function updateRecipe(e){
    e.preventDefault();
    var idPost = this.dataset.id;
    $.ajax({
        url: "model/updateRecipe.php",
        method: "post",
        dataType: "json",
        data: {
            "id": idPost,
            "button": true
        },
        success: function(data){
            let print = "";
            print += `<div class="updateDiv">
                        <h2>Update ${data['name']}</h2>
                        <div class="forImg">
                            <img id="imgUpdate"
src="assets/images/${data['imgSrc']}"/>
                        </div>
                        <div id="formUpdate">
                            <form enctype="multipart/form-data">
                                <input type="file" id="imgUpdateRecipe"/><br/>
                                <input type="hidden" id="idPr"
value="${data['idPost']}"/><br/>
                                <input value="${data['name']}" type="text"
placeholder="Name"
id="nameUpdateRecipe"/>
                                <input type="hidden" id="oldImg"
value="${data['imgSrc']}"/><br/>
                                <textarea placeholder="Opening text"
id="openingTextUpdate" rows="3">${data['openingText']}</textarea><br/>
                                <textarea placeholder="Text" id="textUpdate"
rows="15">${data['text']}</textarea><br/>
                                <input type="button" value="Update"
id="updateRecipe"/>
                                <div id="errorAdmin"></div>
                            </form>
                        </div>
                    </div>`;
            $("#recipes").html(print);
```

```javascript
            $("#updateRecipe").click(update);
        },
        error: function(xhr){
            divClass.html(JSON.parse(xhr.responseText))
        }
    })
}

function update(){
    var id = document.getElementById("idPr").value;
    var title = document.getElementById("nameUpdateRecipe").value;
    var openingText = document.getElementById("openingTextUpdate").value;
    var text = document.getElementById("textUpdate").value;
    var img = document.getElementById("imgUpdateRecipe").files[0];
    var imgSrc = document.getElementById("oldImg").value;

    var dataToSend = new FormData();

    dataToSend.append("id", id);
    dataToSend.append("title", title);
    dataToSend.append("openingText", openingText);
    dataToSend.append("text", text);
    dataToSend.append("img", img);
    dataToSend.append("imgSrc", imgSrc);
    dataToSend.append("btnUpdate", true);

    $.ajax({
        url: "model/update.php",
        method: "post",
        dataType: "json",
        processData: false,
        contentType: false,
        data: dataToSend,
        success: function(data){
            $("#errorAdmin").html(data['mess']);
            // if(data['img'] == undefined){
            //     $(".forImg").html("<img src='assets/images/" + imgSrc + "'
alt='" + title + "'/>");
            // }
            // else{
            //     $(".forImg").html("<img src='assets/images/" + data['img'] +
"' alt='" + title + "'/>");
            // }
        },
        error: function(xhr){
```

```javascript
                $("#errorAdmin").html(JSON.parse(xhr.responseText));
            }
        })
    }

    function deleteRecipe(e){
        e.preventDefault();
        var idPost = this.dataset.id;
        var divClass = $(this).parent().parent().parent();

        $.ajax({
            url: "model/deleteRecipe.php",
            method: "post",
            dataType: "json",
            data: {
                "id": idPost,
                "btnDelete": true
            },
            success: function(data){
                divClass.html("<p>"+data+"</p>");
            },
            error: function(xhr){
                divClass.html(JSON.parse(xhr.responseText));
            }
        })
    }

    function addRecipe(){
        $.ajax({
            url: "model/fetchCategories.php",
            method: "get",
            dataType: "json",
            success: function(cat){
                let print = "";
                print += `<div class="updateDiv">
                            <h2>Add new recipe</h2>
                            <div id="formUpdate">
                                <form enctype="multipart/form-data">
                                    <input type="file" id="imgInsertRecipe"/><br/>
                                    <input type="text" placeholder="Name"
id="nameUpdateRecipe"/>

                                    <textarea placeholder="Opening text"
id="openingTextUpdate" rows="3"></textarea><br/>
```

```
                            <textarea placeholder="Text" id="textUpdate"
rows="15" cols="15"></textarea><br/>
                            <select id="chooseCategory">
                                <option value="0">Choose category</option>`;
                                for(let c of cat){
                                    print += `<option
value="${c.idCategory}">${c.name}</option>`;
                                }
                            print += `</select><br/>
                            <input type="button" value="Add recipe"
id="addNewRecipe"/>
                            <div id="errorAdmin"></div>
                        </form>
                    </div>
                </div>`;

        $("#recipes").html(print);
        $("#addNewRecipe").click(addPost);
    },
    error: function(xhr){
        $("#recipes").html(JSON.parse(xhr.responseText));
    }
})
}

function addPost(){
    var imgFile = document.getElementById("imgInsertRecipe").files[0];
    var title = document.getElementById("nameUpdateRecipe").value;
    var opText = document.getElementById("openingTextUpdate").value;
    var text = document.getElementById("textUpdate").value;
    var category = document.getElementById("chooseCategory").value;

    var dataToSend = new FormData();

    dataToSend.append("img", imgFile);
    dataToSend.append("title", title);
    dataToSend.append("openingText", opText);
    dataToSend.append("text", text);
    dataToSend.append("category", category);
    dataToSend.append("btn", true);

    $.ajax({
        url: "model/addRecipe.php",
        method: "post",
        dataType: "json",
```

```javascript
        processData: false,
        contentType: false,
        data: dataToSend,
        success: function(data){
            $("#errorAdmin").html(data);
        },
        error:function(xhr){
            $("#errorAdmin").html(JSON.parse(xhr.responseText));
        }
    })
}

function allCategories(){
    $.ajax({
        url: "model/fetchCategories.php",
        method: "get",
        dataType: "json",
        success: function(data){
            let print = '<h2 id="allRecipesHeading">All categories</h2>';
            for(let d of data){
                print += `<div class='recipe adminRecipe'>
                            <div class="imgRecipe"><img
src="assets/images/${d.img}" alt="recipe" style="width: 90%; border-radius:
3px;"/></div>
                                <div class='textAllRecipes'>
                                    <h3>${d.name}</h3>
                                    <div class="buttonsAdmin">
                                        <a class="categoryDelete" href="#" data-
id="${d.idCategory}">Delete</a>
                                        <a class="categoryUpdate" href="#" data-
id="${d.idCategory}">Update</a>
                                    </div>
                                </div>
                        </div>`;
            }
            $("#recipes").html(print);
            $(".categoryDelete").click(deleteCategory);
            $(".categoryUpdate").click(updateCategory);
        },
        error: function(xhr){
            $("#recipes").html(JSON.parse(xhr.responseText));
        }
    })
}
```

```javascript
function updateCategory(e){
    e.preventDefault();
    var idCategory = this.dataset.id;
    $.ajax({
        url: "model/updateCatOnClick.php",
        method: "post",
        dataType: "json",
        data: {
            "id": idCategory,
            "button": true
        },
        success: function(data){
            let print = "";
            print += `<div class="updateDiv">
                        <h2>Update ${data['name']}</h2>
                        <div class="forImg">
                            <img id="imgUpdate"
src="assets/images/${data['img']}"/>
                        </div>
                        <div id="formUpdate">
                            <form enctype="multipart/form-data">
                                <input type="file" id="imgCat"/><br/>
                                <input type="hidden" id="idCat"
value="${data['idCategory']}"/><br/>
                                <input value="${data['name']}" type="text"
placeholder="Name"
id="nameCat"/><br/>

                                <input type="button" value="Update"
id="updateCategory"/>
                                <div id="errorAdmin"></div>
                            </form>
                        </div>
                    </div>`;
            $("#recipes").html(print);
            $("#updateCategory").click(updateCatOnClick);
        },
        error: function(xhr){
            divClass.html(JSON.parse(xhr.responseText))
        }
    })
}

function updateCatOnClick(){
    var file = document.getElementById("imgCat").files[0];
```

```javascript
    var title = document.getElementById("nameCat").value;
    var id = document.getElementById("idCat").value;
    var dataToSend = new FormData();

    dataToSend.append("img", file);
    dataToSend.append("name", title);
    dataToSend.append("idCategory", id);
    dataToSend.append("btnUpdate", true);

    $.ajax({
        url: "model/updateCategory.php",
        method: "post",
        data: dataToSend,
        processData: false,
        contentType: false,
        success: function(data){
            $("#errorAdmin").html(data);
        },
        error:function(xhr){
            $("#errorAdmin").html(JSON.parse(xhr.responseText));
        }
    })
}

function deleteCategory(e){
    e.preventDefault();
    var idCategory = this.dataset.id;
    var divClass = $(this).parent().parent().parent();

    $.ajax({
        url: "model/deleteCategory.php",
        method: "post",
        dataType: "json",
        data: {
            "id": idCategory,
            "btnDelete": true
        },
        success: function(data){
            divClass.html("<p>"+data+"</p>");
        },
        error: function(xhr){
            divClass.html(JSON.parse(xhr.responseText));
        }
    })
}
```

```javascript
function addCategory(){
    let print = "";
    print += `<div class="updateDiv">
                <h2>Add new category</h2>
                <div id="formUpdate">
                    <form enctype="multipart/form-data">
                        <input type="file" id="imgInsertCategory"/><br/>
                        <input type="text" placeholder="Name"
id="nameInsertCategory"/><br/>
                        <input type="button" value="Add category"
id="addNewCategory"/>
                        <div id="errorAdmin"></div>
                    </form>
                </div>
            </div>`;

    $("#recipes").html(print);
    $("#addNewCategory").click(insertCategory);
}

function insertCategory(){
    var file = document.getElementById("imgInsertCategory").files[0];
    var name =document.getElementById("nameInsertCategory").value;

    var dataToSend = new FormData();

    dataToSend.append("img", file);
    dataToSend.append("name", name);

    $.ajax({
        url: "model/addCategory.php",
        method: "post",
        processData: false,
        contentType: false,
        data: dataToSend,
        success: function(data){
            $("#errorAdmin").html(data);
        },
        error: function(xhr){
            $("#errorAdmin").html(JSON.parse(xhr.responseText));
        }
    })
}
```

```javascript
function allMessages(){
    $.ajax({
        url: "model/fetchMessages.php",
        method: "get",
        dataType: "json",
        success: function(message){
            let print = "";
            print += `<div id="table">
                        <h2>All messages</h2>
                        <table>
                            <thead>
                                <tr>
                                    <th>Email</th>
                                    <th>Subject</th>
                                    <th>Message</th>
                                    <th>Date</th>
                                    <th>Delete</th>
                                </tr>
                            </thead>`;
            for(let m of message){
                print += `<tr>
                            <td>${m.email}</td>
                            <td>${m.title}</td>
                            <td>${m.message}</td>
                            <td>${m.date}</td>
                            <td><a class="deleteMessage" dataid="${m.idMessage}"
href="#">Delete</a></td>
                        </tr>`;
            }
            print += `</table></div>`;
            $("#recipes").html(print);
            $(".deleteMessage").click(deleteMessage);
        },
        error:function(xhr){
            $(".deleteMessage").html(JSON.parse(xhr.responseText))
        }
    })
}

function deleteMessage(e){
    e.preventDefault();
    var idMessage = this.dataset.id;
    var row = $(this).parent().parent();
    $(this).parent().parent().remove();
```

```javascript
    $.ajax({
        url: "model/deleteMessage.php",
        method: "post",
        dataType: "json",
        data: {
            "id": idMessage,
            "button": true
        },
        success:function(data){
            row.remove();
        },
        error:function(xhr){
            row.html(JSON.parse(xhr.responseText));
        }
    })
}

function allComments(){
    $.ajax({
        url: "model/fetchCommentsAdmin.php",
        method: "get",
        dataType: "json",
        success: function(comments){
            let print = "";
            print += `<div id="table">
                        <h2>All comments</h2>
                        <table>
                            <thead>
                                <tr>
                                    <th>Email</th>
                                    <th>Subject</th>
                                    <th>Comment</th>
                                    <th>Date</th>
                                    <th>Delete</th>
                                </tr>
                            </thead>`;
            for(let c of comments){
                print += `<tr>
                            <td>${c.userName}</td>
                            <td>${c.postName}</td>
                            <td>${c.text}</td>
                            <td>${c.date}</td>
                            <td><a href="#" class="deleteComment"
dataid="${c.idComment}">Delete</a></td>
                        </tr>`;
```

```
                }
                print += `</table></div>`;
                $("#recipes").html(print);
                $(".deleteComment").click(deleteComment);
            },
            error:function(xhr){
                $("#recipes").html(JSON.parse(xhr.responseText));
            }
        })
}

function deleteComment(e){
    e.preventDefault();
    var idComment = this.dataset.id;
    console.log(idComment);
    var row = $(this).parent().parent();
    //$(this).parent().parent().remove();

    $.ajax({
        url: "model/deleteComment.php",
        method: "post",
        dataType: "json",
        data: {
            "idComment": idComment,
            "button": true
        },
        success:function(data){
            row.remove();
            console.log("deleted");
        },
        error:function(xhr){
            row.html(JSON.parse(xhr.responseText));
        }
    })
}

function allUsers(){
    $.ajax({
        url: "model/fetchUsers.php",
        method: "get",
        dataType: "json",
        success: function(user){
            let print = "";
            print += `<div id="table">
                        <h2>All users</h2>
```

```
                          <table>
                              <thead>
                                  <tr>
                                      <th>Name</th>
                                      <th>E-mail</th>
                                  </tr>
                              </thead>`;
              for(let u of user){
              print += `<tr>
                              <td>${u.name}</td>
                              <td>${u.email}</td>
                      </tr>`;
              }
              print += `</table></div>`;
              $("#recipes").html(print);
          },
          error: function(xhr){
          $("#recipes").html(JSON.parse(xhr.responseText));
          }
      })
}

function allSurveys(){
    $.ajax({
        url: "model/allSurveys.php",
        method: "post",
        dataType: "json",
        success: function(survey){
            let print = "";
            print += `<div id="table">
                            <h2>All surveys</h2>
                            <ul>`;
            for(let s of survey){
                print += `<li>${s.question} ${s.answerText} (${s.count}
votes)</li>`;
            }
            print += `</ul></div>`;
            $("#recipes").html(print);
        },
        error: function(xhr){
            $("#recipes").html(JSON.parse(xhr.responseText));
        }
    })
}
```

```javascript
function activeSurveys(){
    $.ajax({
        url: "model/changeActivitySurvey.php",
        method: "post",
        dataType: "json",
        success: function(survey){
            let print = "";
            print += `<div id="table">
                        <h2>Active surveys</h2>
                        <form>
                            <select id="activeSurvey">`;
            for(let s of survey){
                print += `<option value="${s.idSurvey}"`;
                if(s.active == 1){
                    print += `selected`;
                }
                print += `>${s.question}</option>`;
            }
            print += "</select></form><div id='errorAdmin'></div></div>";
            $("#recipes").html(print);
            $("#activeSurvey").change(changeActivity);
        },
        error:function(xhr){
            $("#recipes").html(xhr);
        }
    })
}

function changeActivity(){
    var id = this.value;
    console.log(id);
    $.ajax({
        url: "model/updateSurvey.php",
        method: "post",
        dataType: "json",
        data: {
            "id": id
        },
        success: function(survey){
            $("#errorAdmin").html(survey);
        },
        error:function(xhr){
            $("#errorAdmin").html(xhr);
        }
    })
```

```javascript
}

function addSurvey(){
    let print = `<div class="updateDiv">
                    <h2>Add new survey</h2>
                    <div id="formUpdate">
                        <form>
                            <input type="text" placeholder="Question"
id="question"/>

                            <input type="text" placeholder="Answer 1"
name="answer[]"/>

                            <input type="text" placeholder="Answer 2"
name="answer[]"/><br/>

                            <div id="newQuestions"></div>
                            <input type="button" value="Add answer"
id="addAnswer"/>

                            <input type="button" value="Add survey"
id="addNewSurvey"/>

                            <div id="errorAdmin"></div>
                        </form>
                    </div>
                </div>`;

    $("#recipes").html(print);
    var count = 3;
    $("#addAnswer").click(function(){
        let print2 = `<input name="answer[]" type="text" placeholder="Answer
${count}"><br/>`;
        count++;
        document.getElementById("newQuestions").innerHTML += print2;
    })
    $("#addNewSurvey").click(insertSurvey);
}

function insertSurvey(){
    var answer = document.getElementsByName("answer[]");
    var question = document.getElementById("question").value;
    var dataToSend = [];

    for(let i=0; i<answer.length; i++){
        dataToSend.push(answer[i].value);
    }
    $.ajax({
        url: "model/addSurvey.php",
        method: "post",
```

```
        dataType: "json",
        data: {
            "question": question,
            "answer": dataToSend
        },
        success: function(survey){
            for(let i=0; i<answer.length; i++){
                answer[i].value = "";
            }
            document.getElementById("question").value = "";
            $("#errorAdmin").html(survey);
        },
        error: function(xhr){
            $("#errorAdmin").html(JSON.parse(xhr.responseText));
        }
    })
}
```
Ostatak JS-a je urađen preko template-a.