

COIS 3420 Group Project group 20

Group members; Ayaan Shirazi, Om sai krishna sarnala, Khaled Rayyan, Keshani Silva

Student ID's: (0636523-Ayaan), (0660497-Om), Khaled Rayyan(0653463), Keshani Silva(0636915)

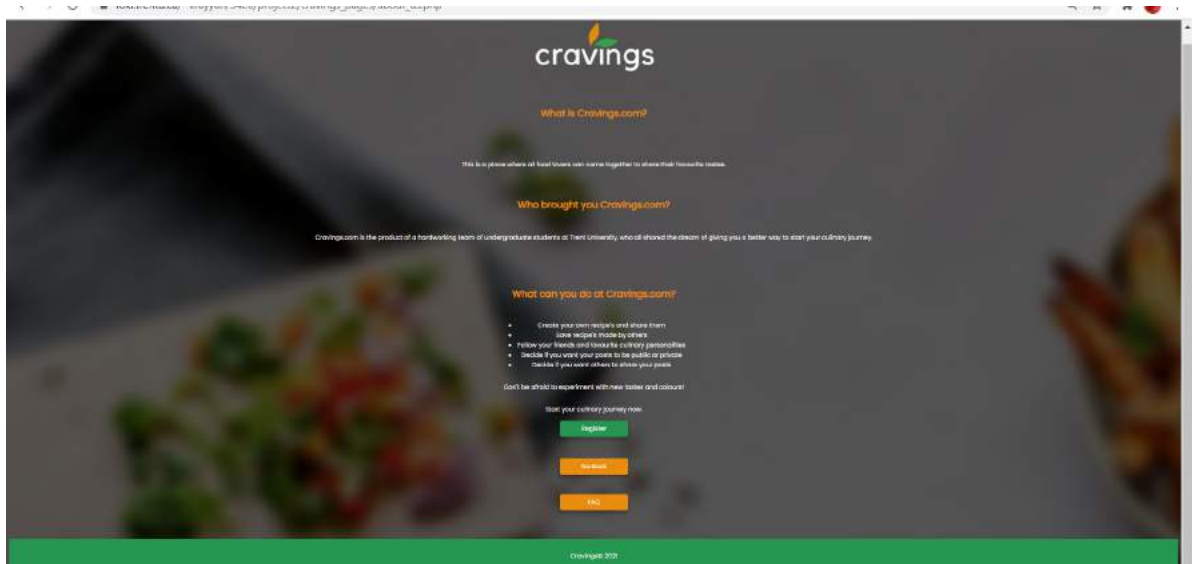
Live Link: https://loki.trentu.ca/~krayyan/3420/project2/cravings_pages/signup.php

Topic	Grade
Group Project tasks	
Group project tasks	
Group Project tasks	
Overall Look/Feel/Code Quality	
Deductions (testing, documentation, readability, submission guidelines)	
Total	/15

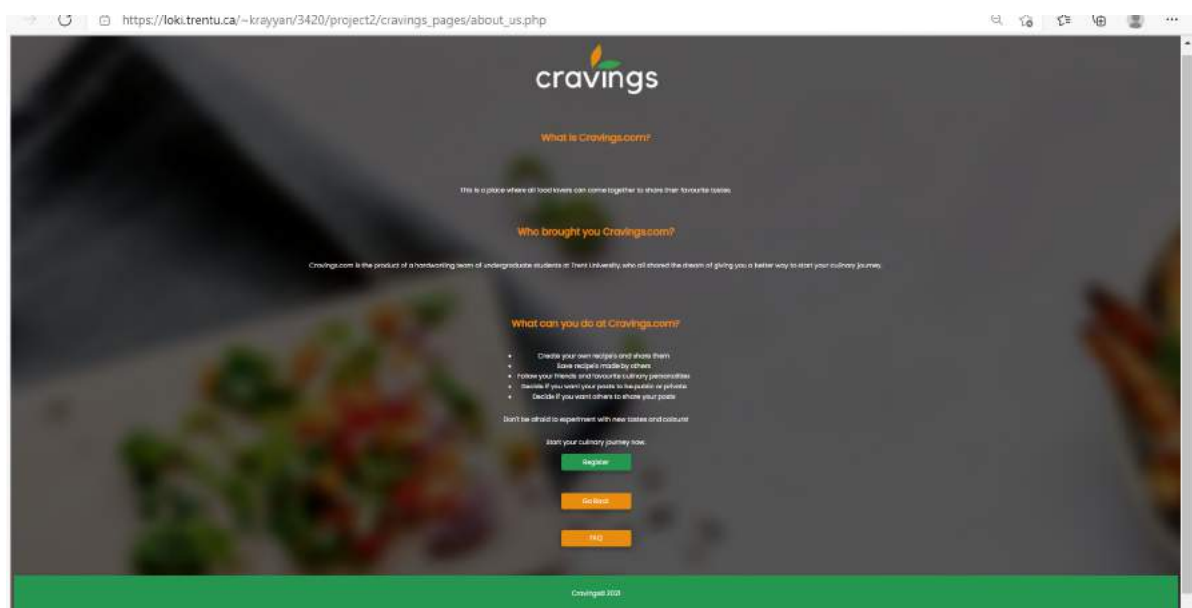
Testing the externals of the website

About us.php Browser testing

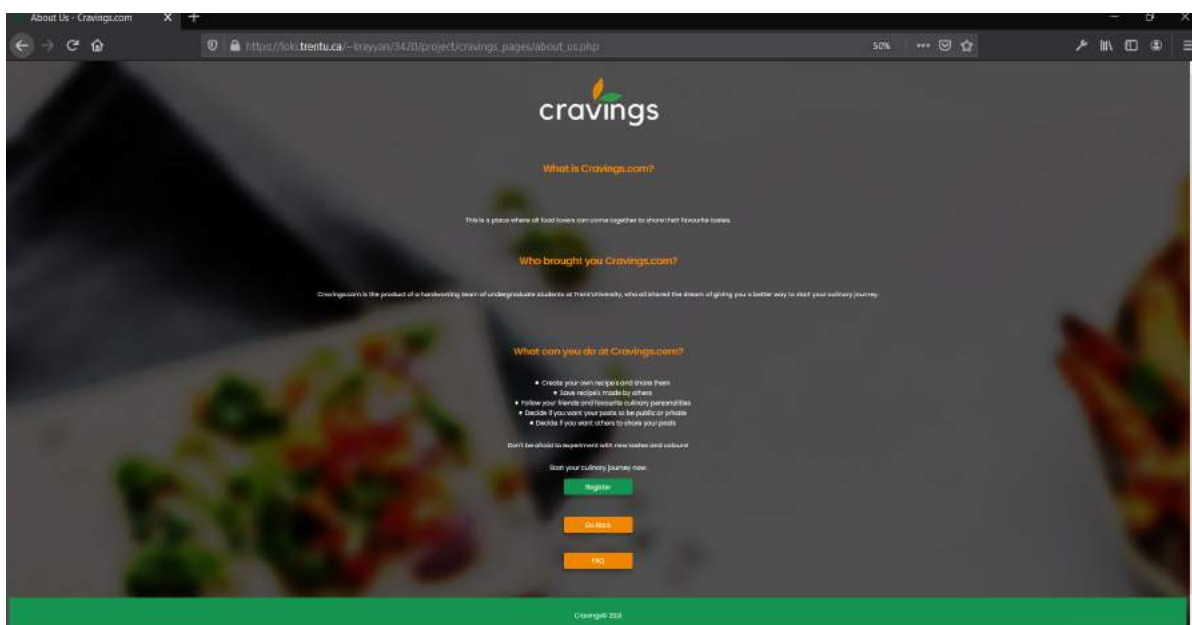
(google)



(Microsoft Edge)

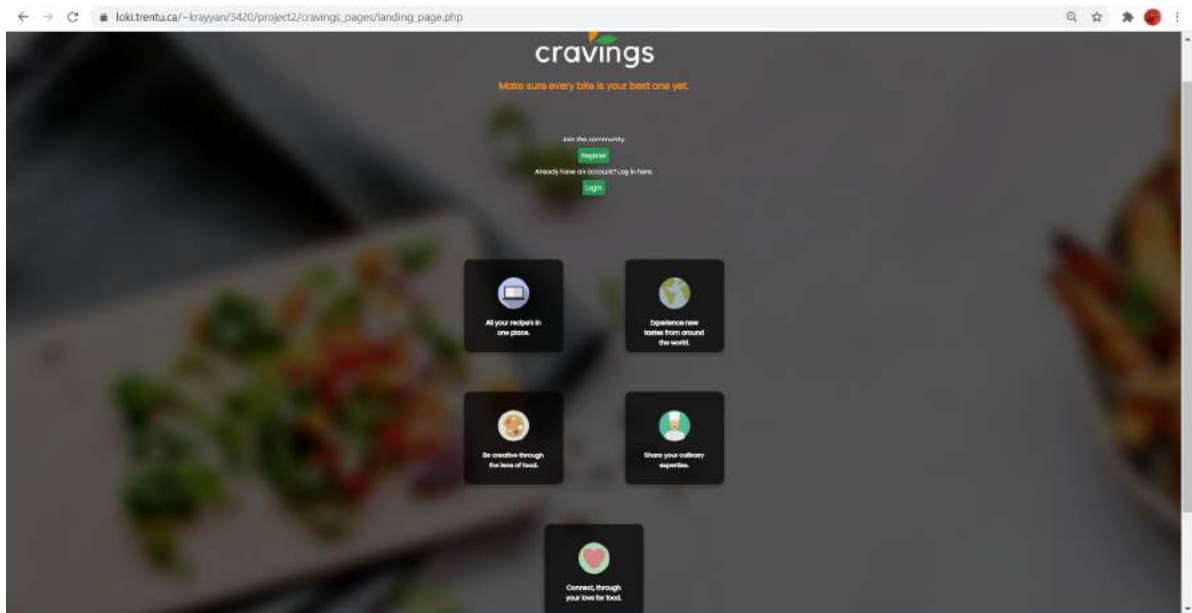


(Mozilla firefox)

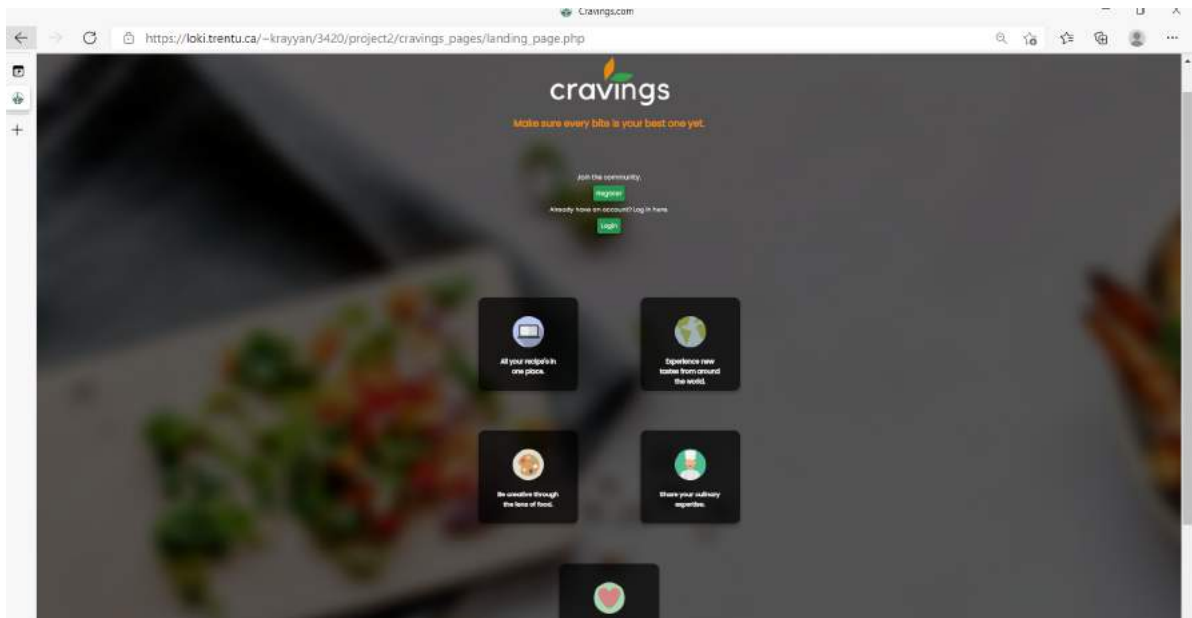


Landing_page.php Browser Testing

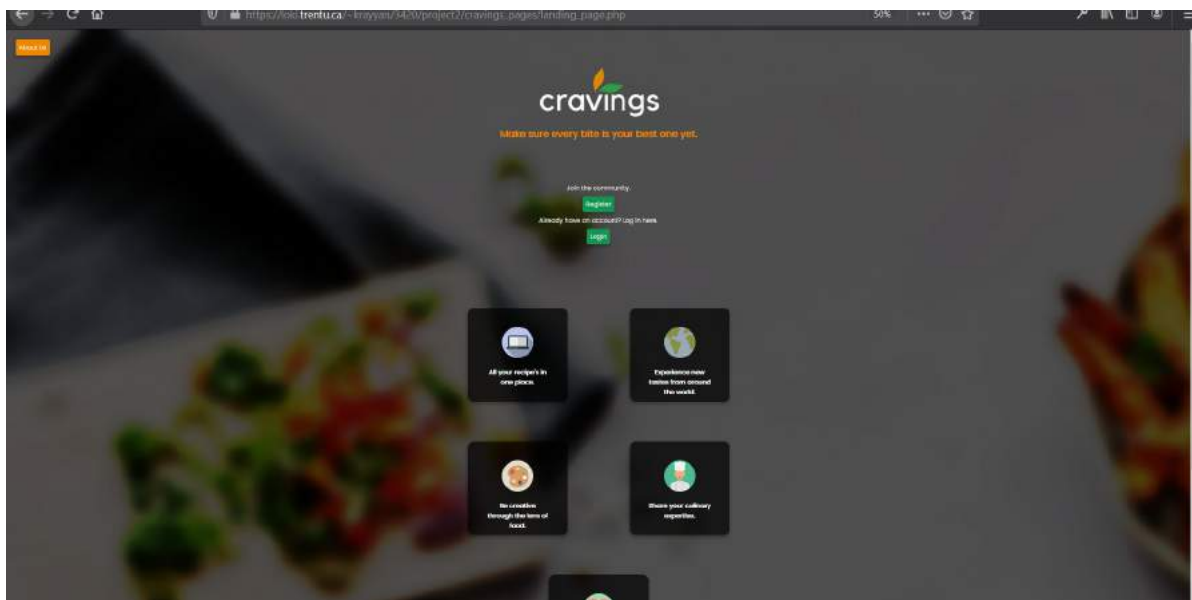
(Google)



Microsoft Edge

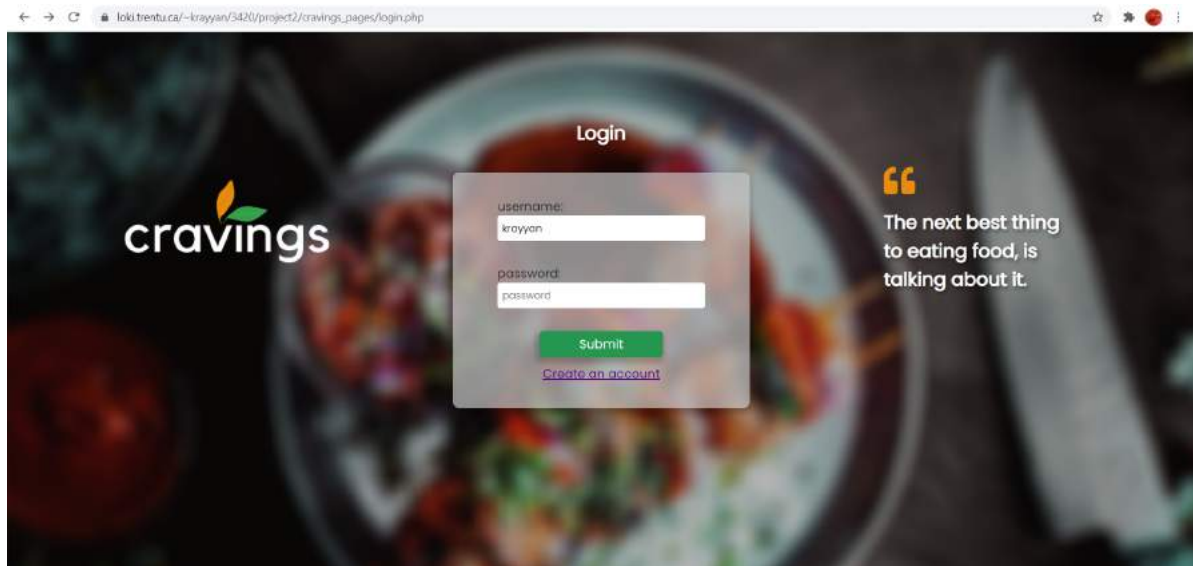


Mozilla firefox

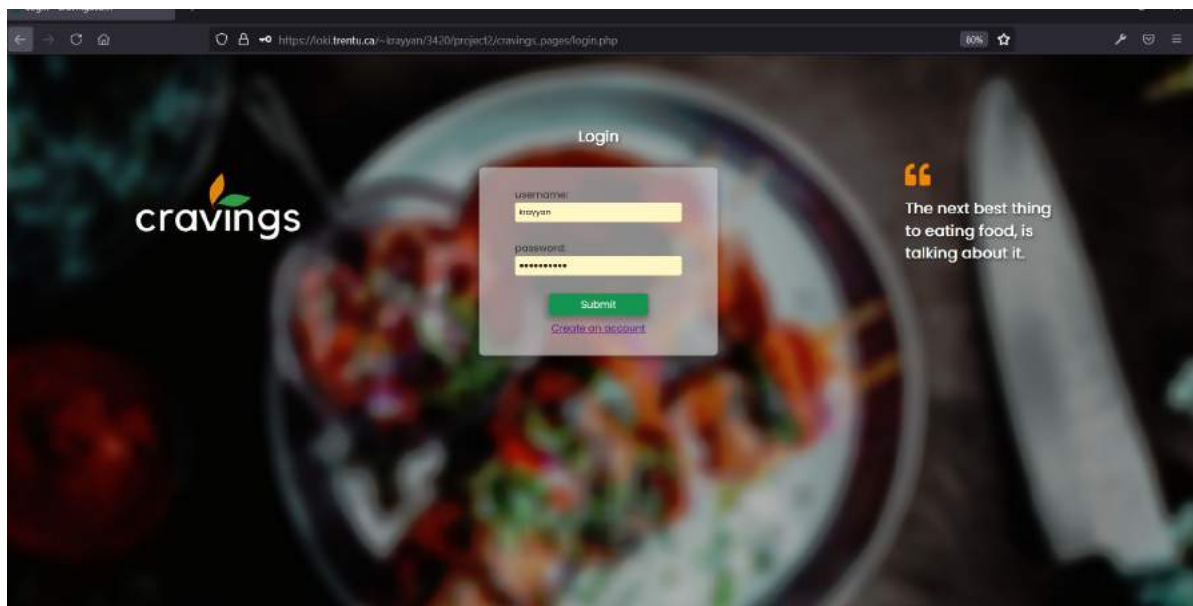


Login.php Testing

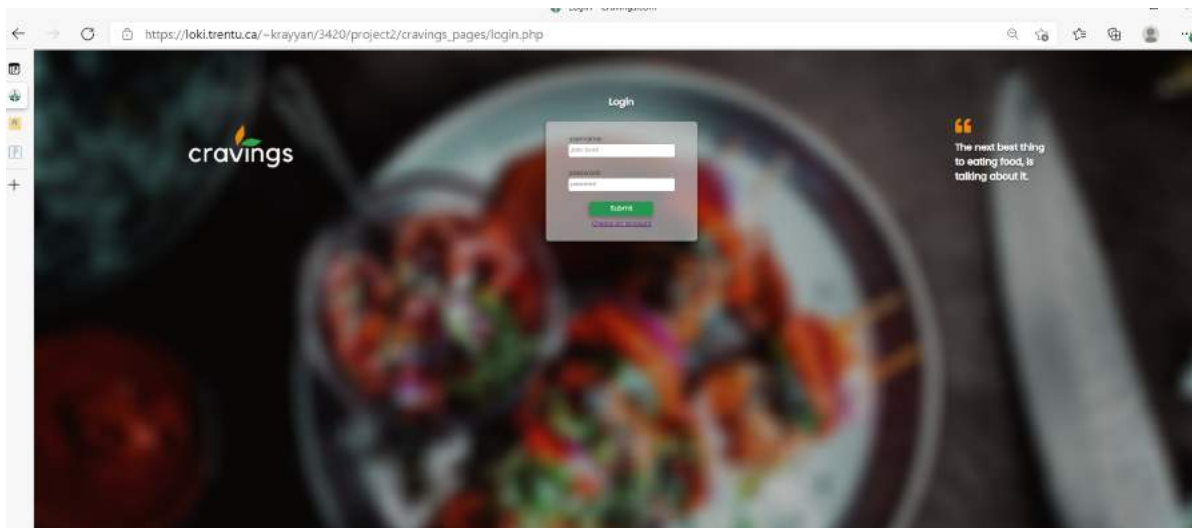
Google



Mozilla firefox

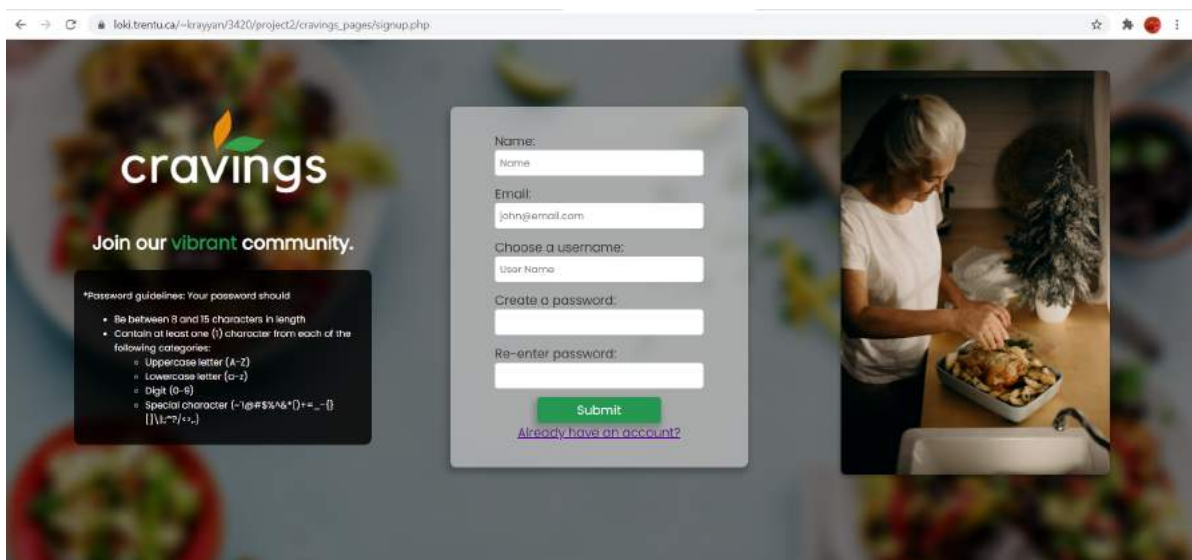


Microsoft edge

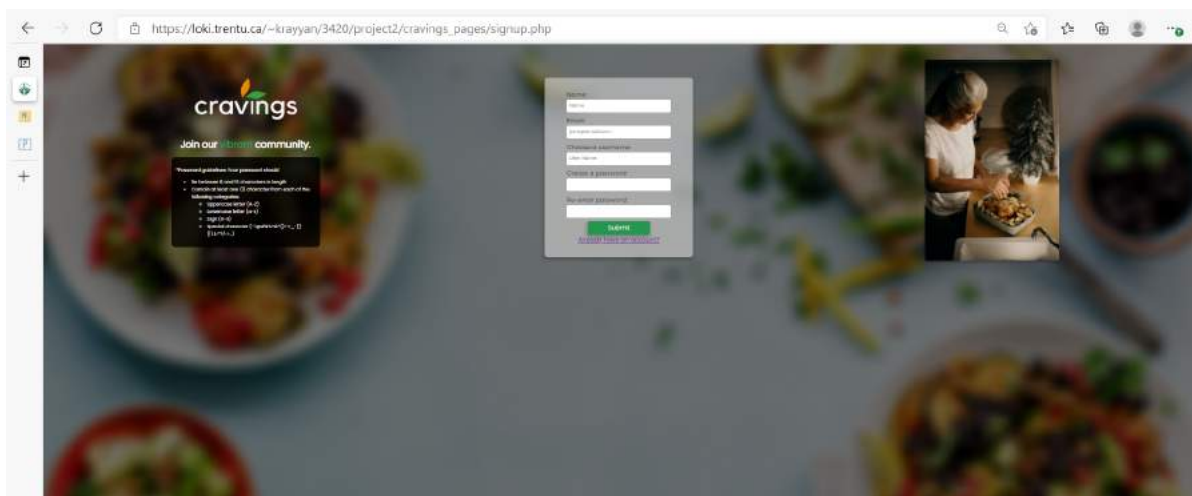


Signup.php Browser testing

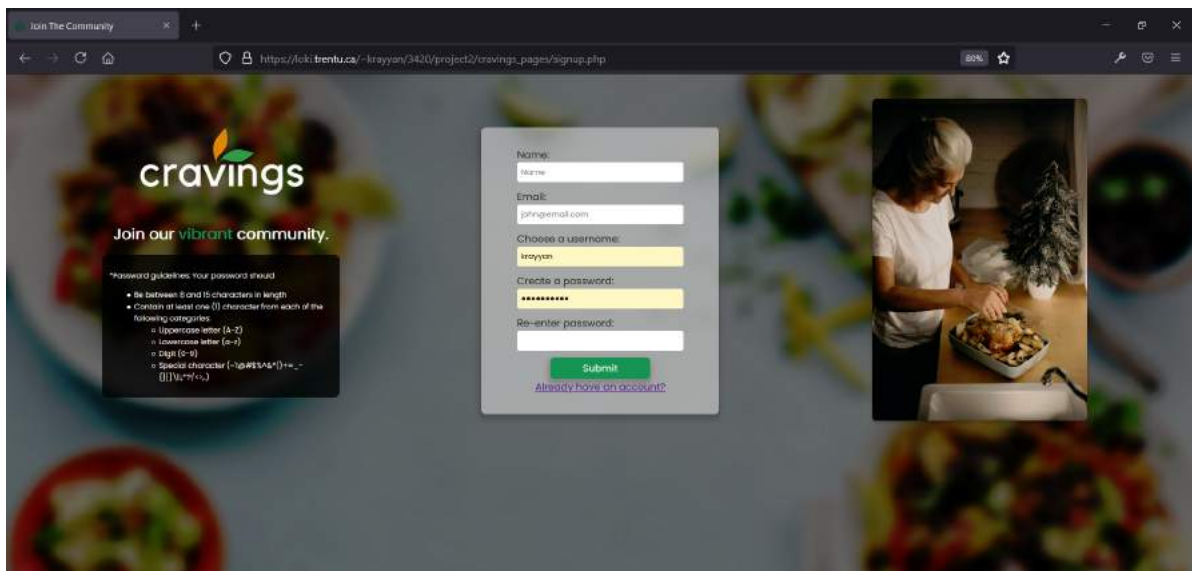
Google



Microsoft edge

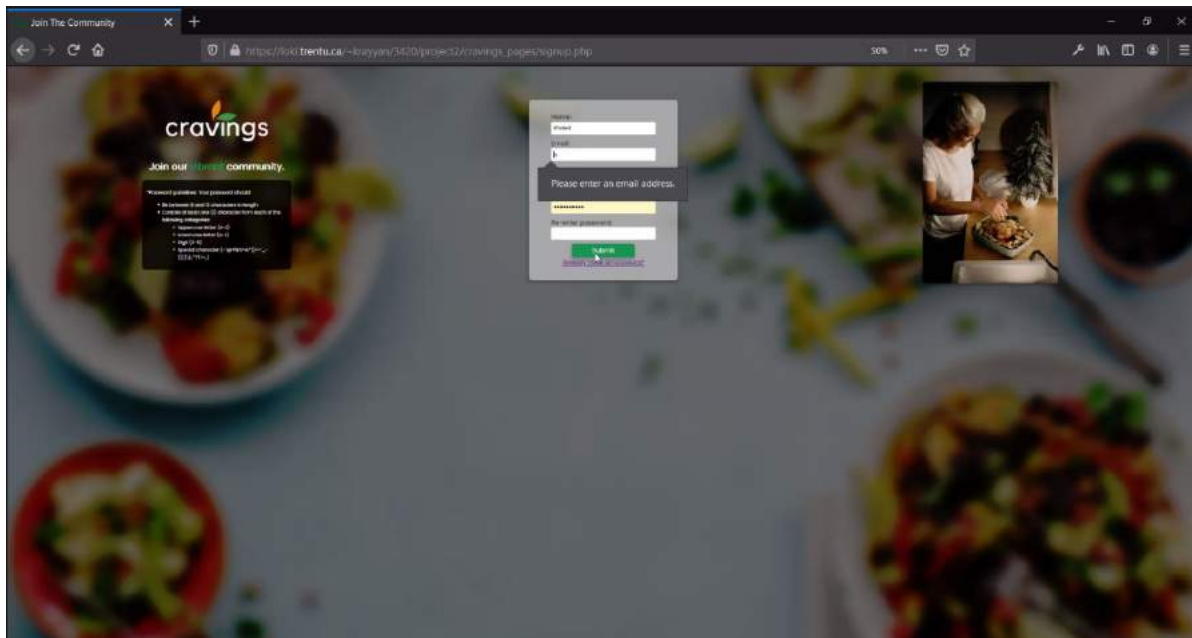


Mozilla firefox

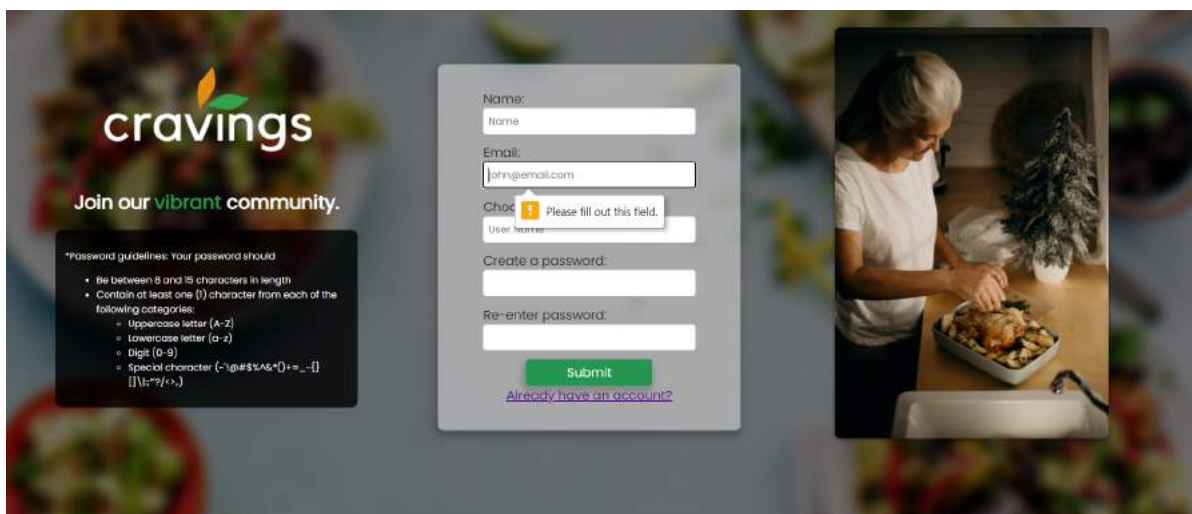


Validation screenshots

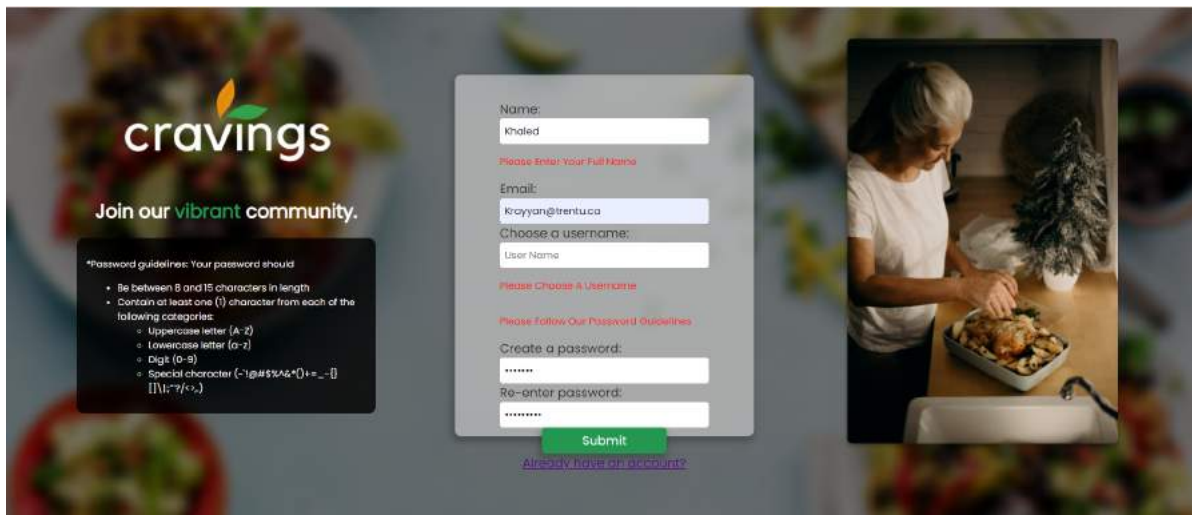
Here it prompts us to enter an email address if an email address was not entered



And when the email field is not filled it requires us to fill it



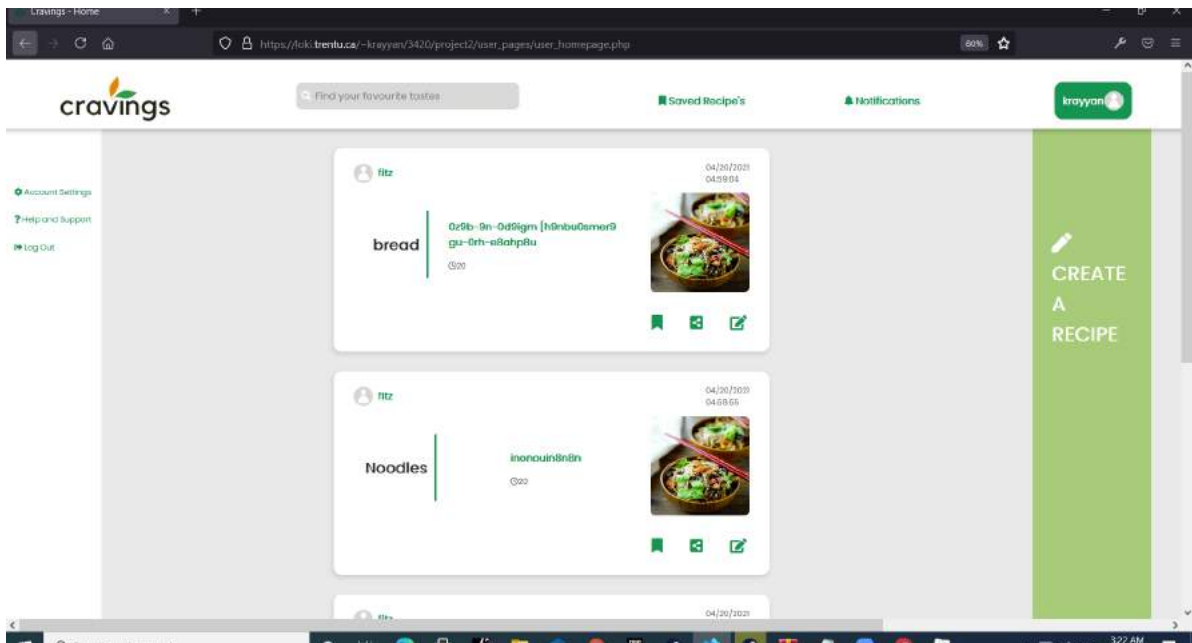
It validates if the password guidelines mentioned have been followed, and if a full name have been inserted and it prompts an error message when a username is not written



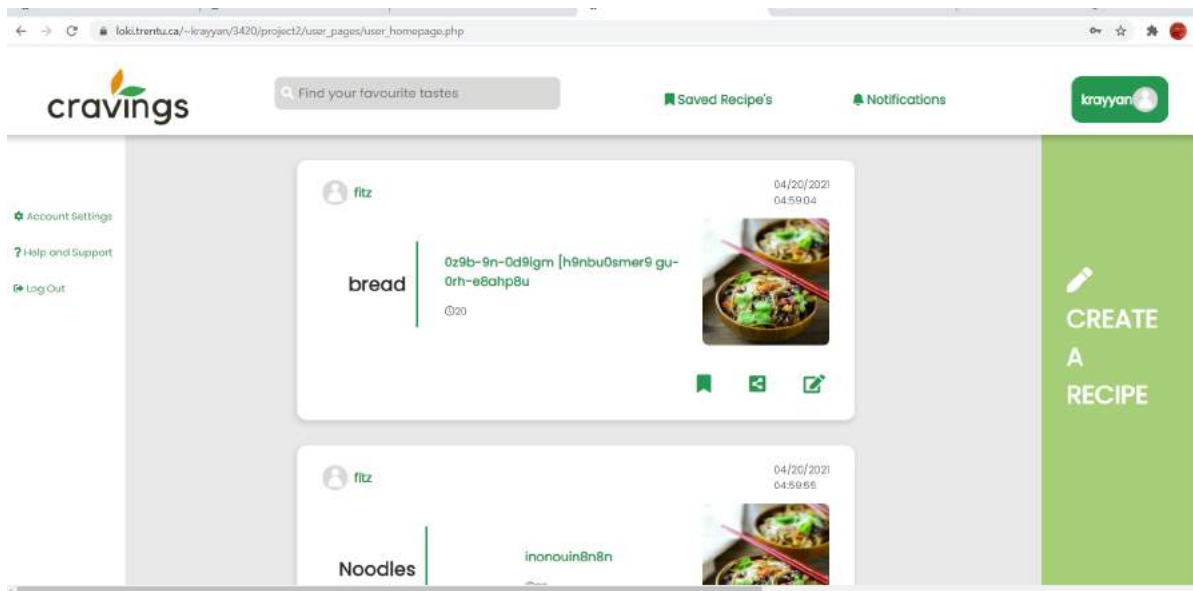
Website internal screenshots

Homepage

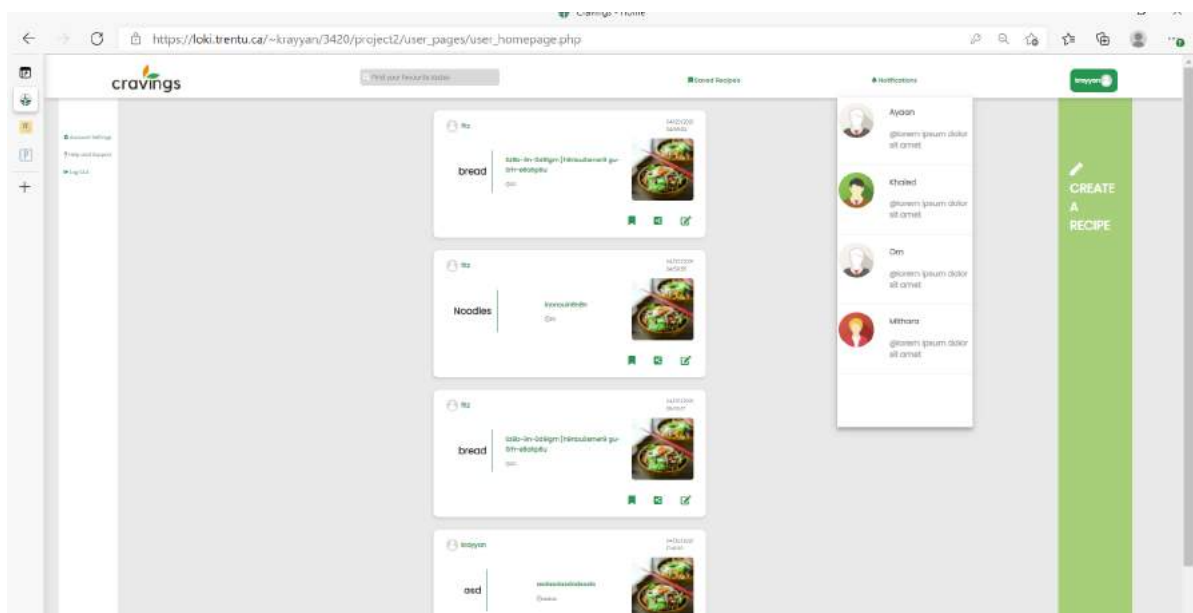
Mozilla firefox



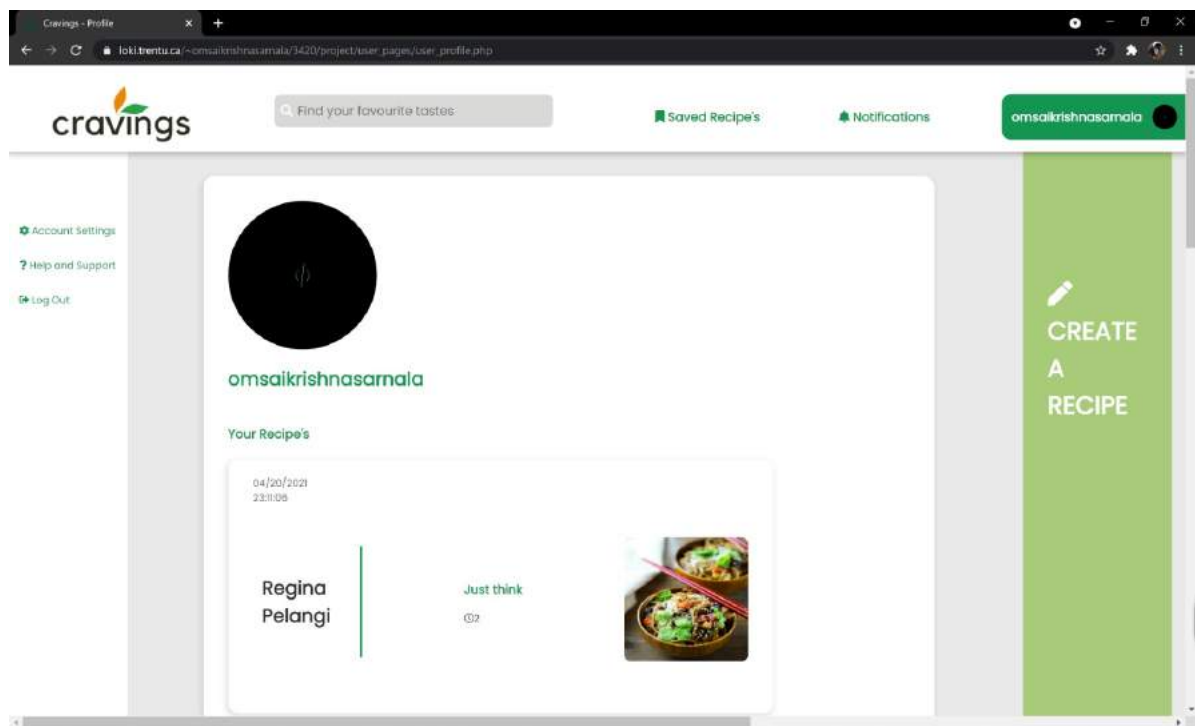
Google



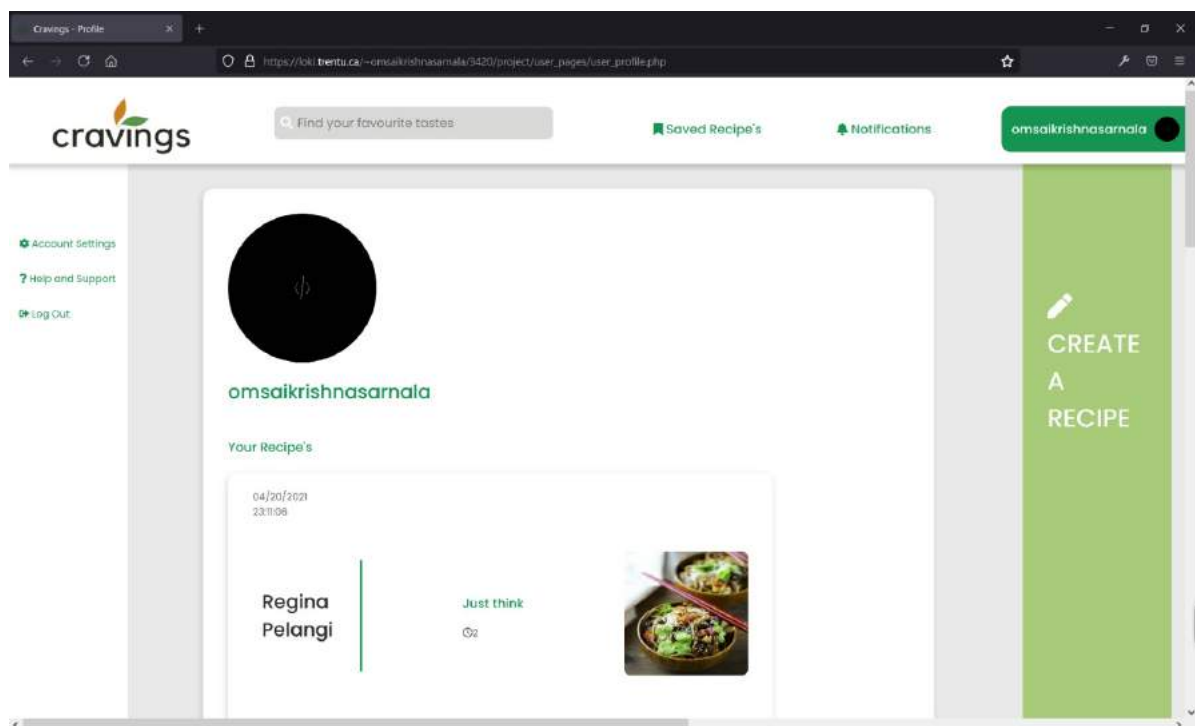
Microsoft edge



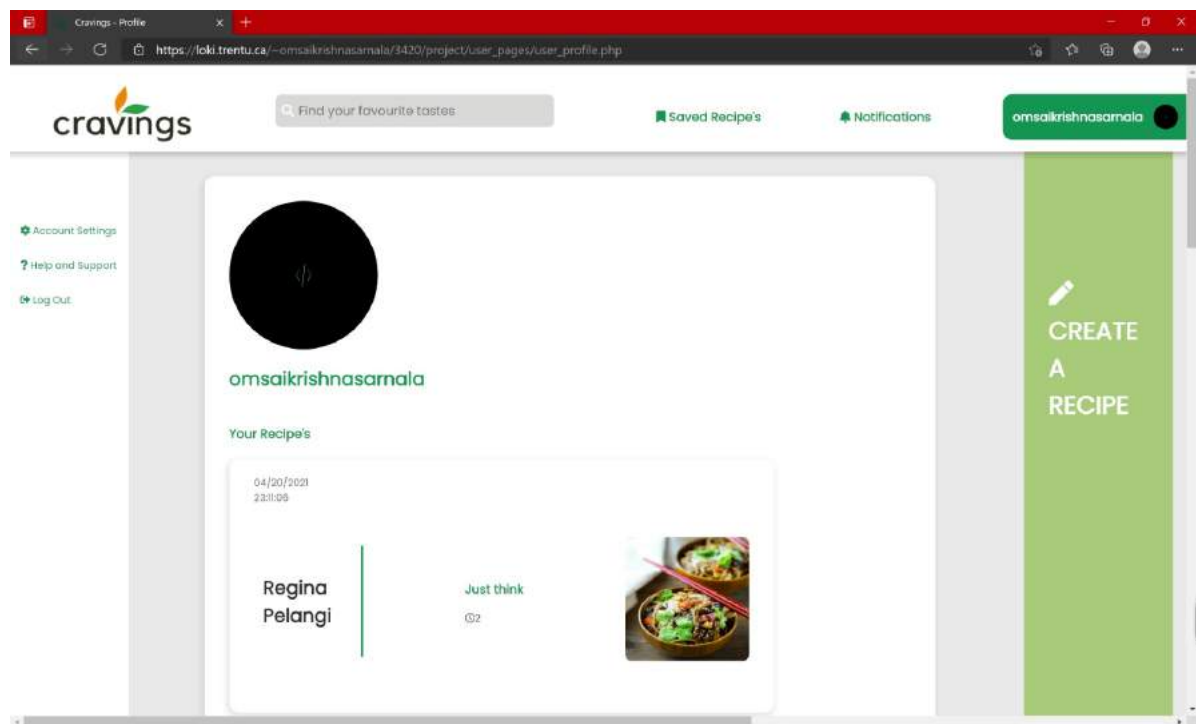
GoogleProfile UI Screenshots (Here a user can edit their profile)



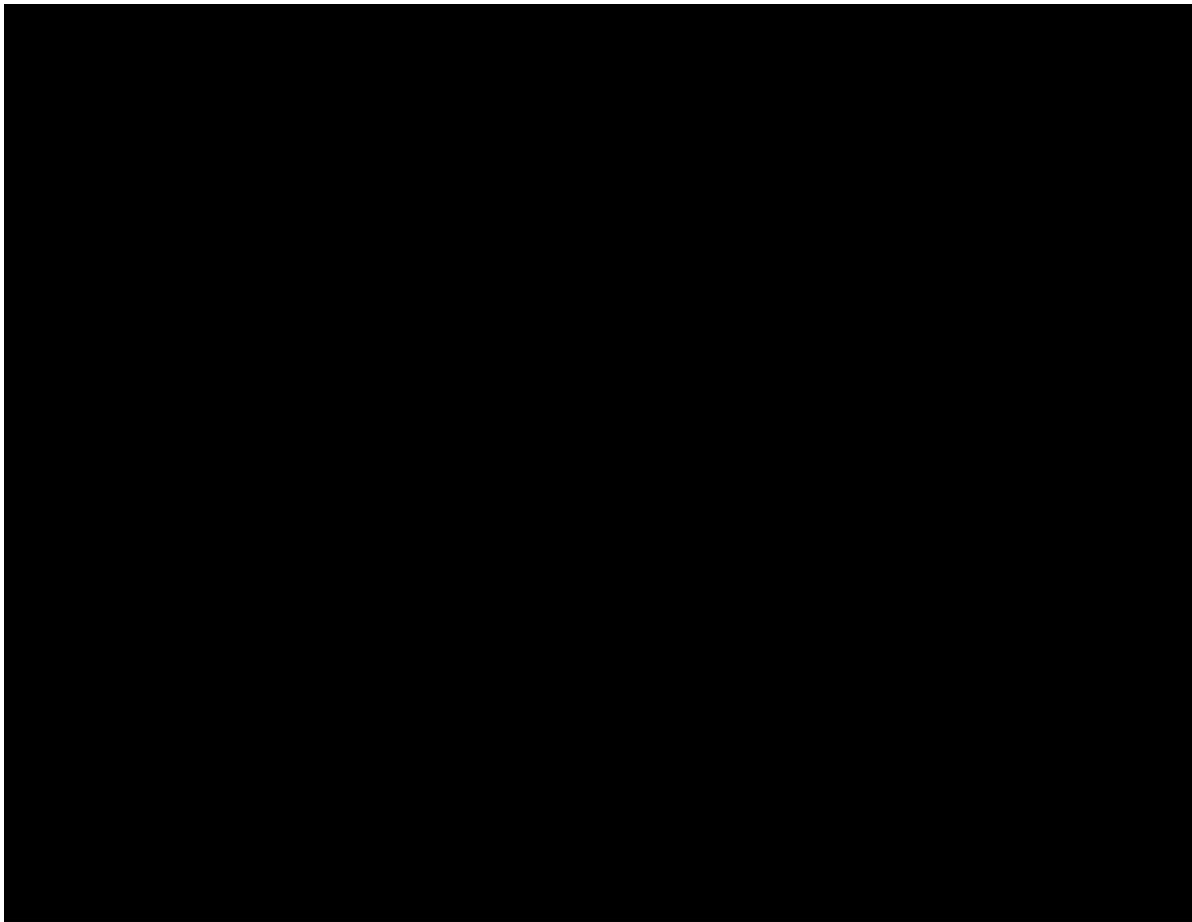
Mozilla firefox



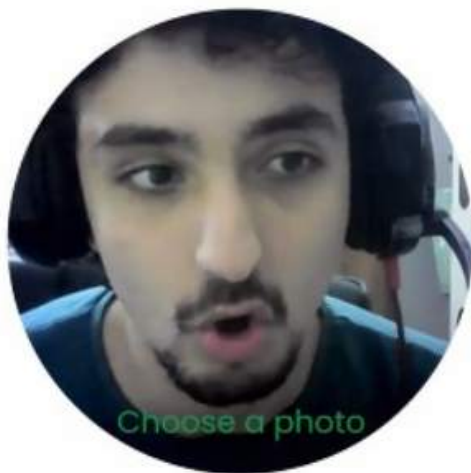
Opera



A demonstration of the profile picture change function from a dark wallpaper to an actual person

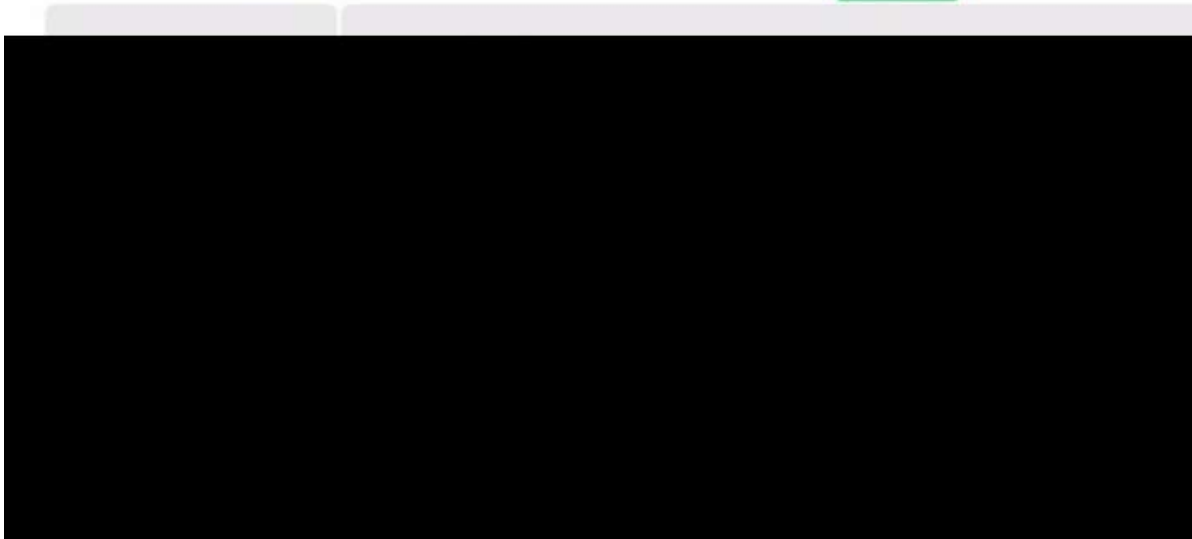


Account Settings



Choose a photo

Submit





User Editing information UI

google

cravings Find your favourite tastes Saved Recipe's Notifications krayyan

Account Settings
Help and Support
Log Out

Account Settings

Name	Khaled Rayyan	Edit
Username	krayyan	Edit
Email	Gheta1111201@hotmail.com	Edit
Password	*****	Edit
Allow others to share your posts		Edit
Allow others to edit your posts		Edit

CREATE A RECIPE

Mozilla firefox

cravings Find your favourite tastes Saved Recipe's Notifications krayyan

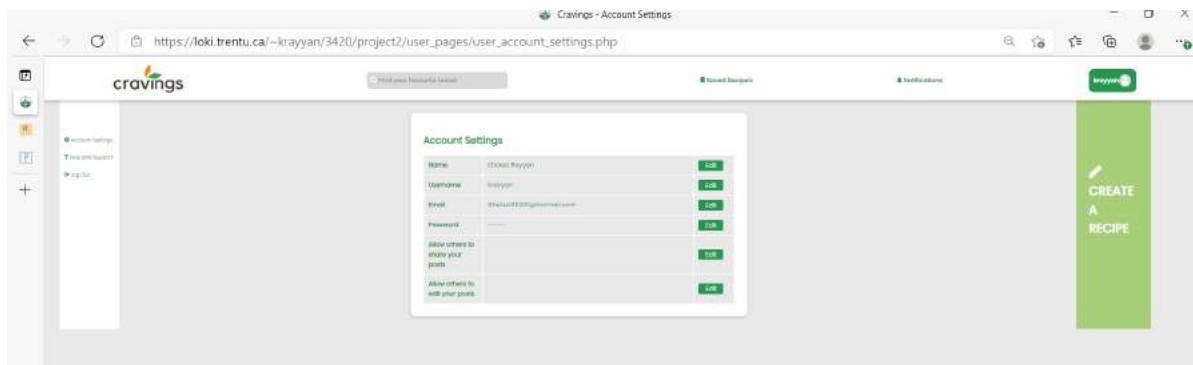
Account Settings
Help and Support
Log Out

Account Settings

Name	Khaled Rayyan	Edit
Username	krayyan	Edit
Email	Gheta1111201@hotmail.com	Edit
Password	*****	Edit
Allow others to share your posts		Edit
Allow others to edit your posts		Edit

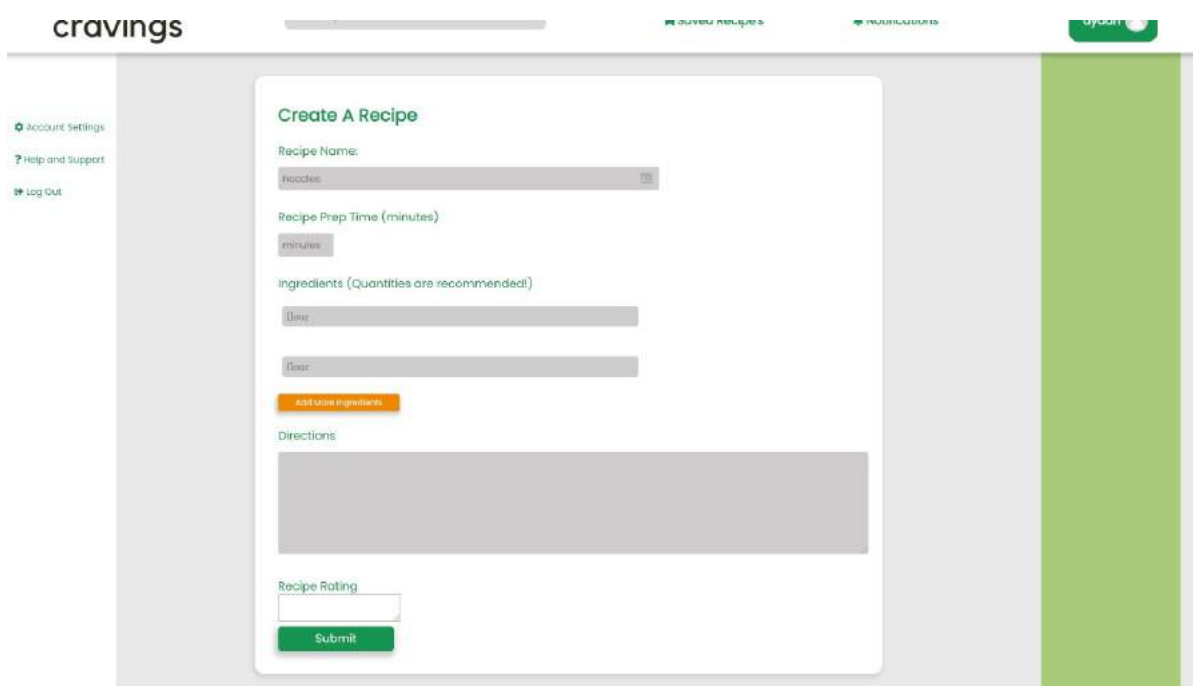
CREATE A RECIPE

Microsoft edge

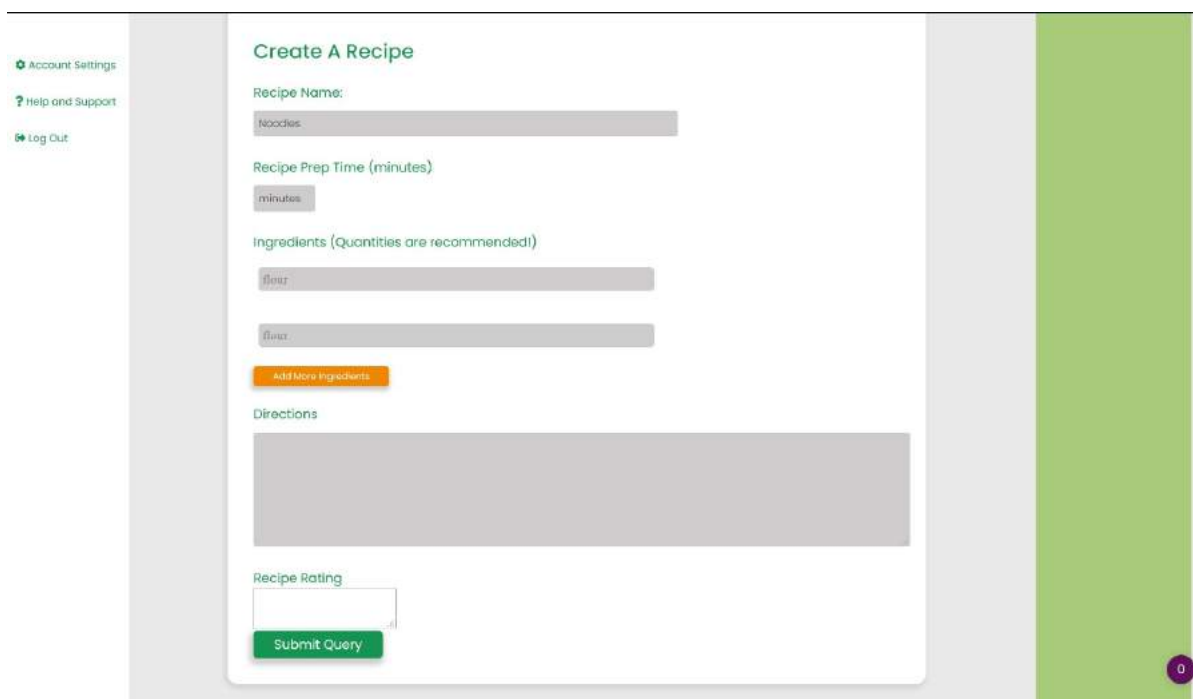


Creating a recipe UI

Google



Edge



Mozilla firefox

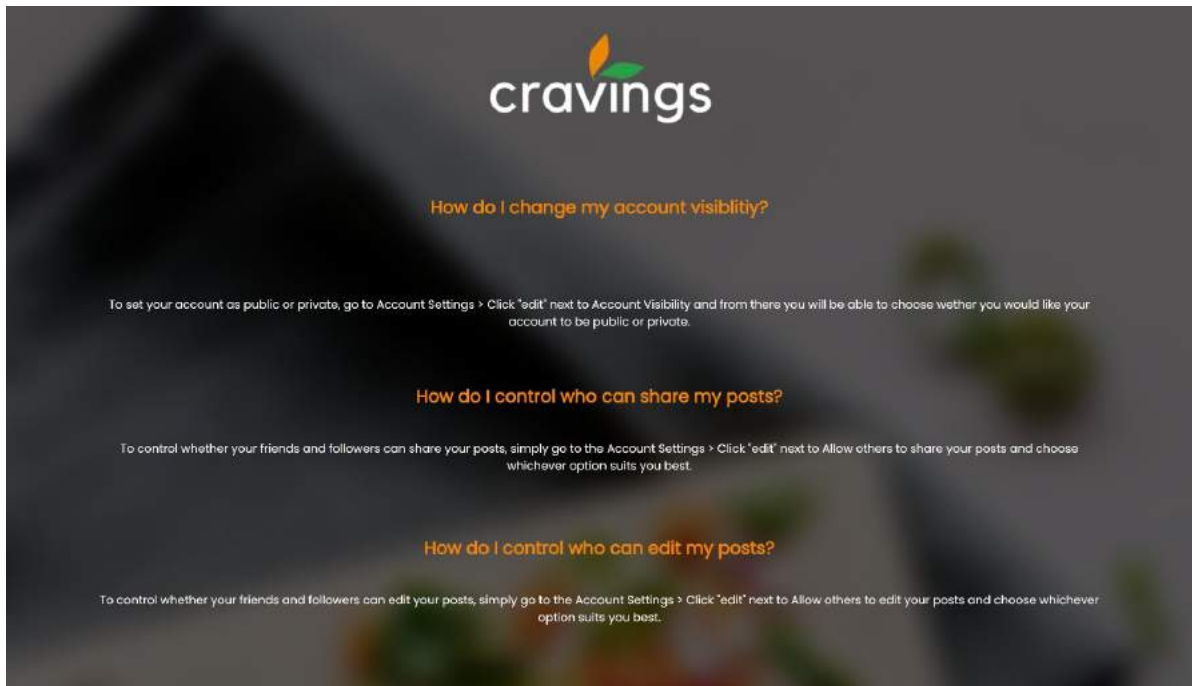
The screenshot shows a web application interface for creating a recipe. On the left is a sidebar with three links: 'Account Settings', 'Help and Support', and 'Log Out'. The main content area is titled 'Create A Recipe' and contains several form fields: 'Recipe Name:' with a text input containing 'Noodles'; 'Recipe Prep Time (minutes):' with a text input containing 'minutes'; 'Ingredients (Quantities are recommended!):' with two text inputs, both containing 'flour', and an orange button labeled 'Add More Ingredients'; 'Directions:' with a large text area; and 'Recipe Rating:' with a small text input. A green 'Submit' button is at the bottom of the form.

Creating a recipe validation screenshots***

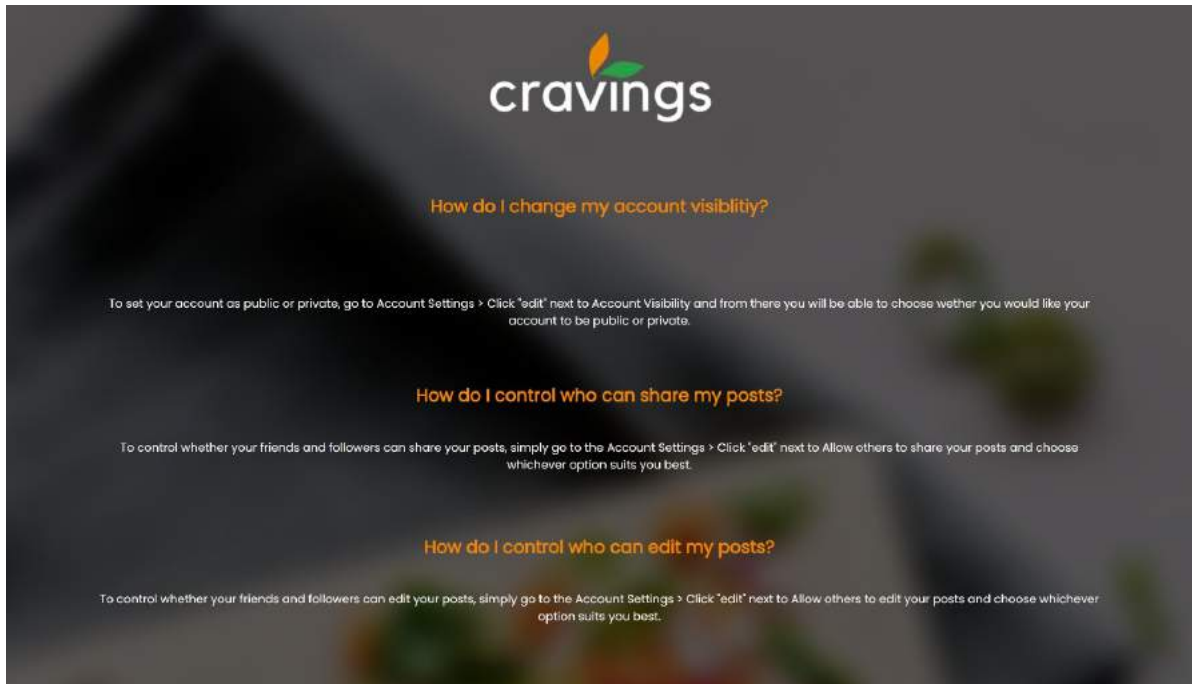
This screenshot shows the same 'Create A Recipe' form as the previous one, but with red validation error messages. The 'Recipe Name' field has the error 'Please enter a valid Recipe Name'. The 'Recipe Prep Time (minutes)' field has the error 'Please enter a valid Prep Time in Minutes'. The 'Ingredients' section has the error 'Please enter ingredients'. The 'Directions' field has the error 'Please enter valid Directions'. All other elements, including the sidebar and the 'Submit' button, are identical to the first screenshot.

Help and Support page

Google



Edge



Mozilla



How do I change my account visibility?

To set your account as public or private, go to Account Settings > Click "edit" next to Account Visibility and from there you will be able to choose whether you would like your account to be public or private.

How do I control who can share my posts?

To control whether your friends and followers can share your posts, simply go to the Account Settings > Click "edit" next to Allow others to share your posts and choose whichever option suits you best.

How do I control who can edit my posts?

To control whether your friends and followers can edit your posts, simply go to the Account Settings > Click "edit" next to Allow others to edit your posts and choose whichever option suits you best.

Databases used

Showing rows 0 - 0 (1 total, Query took 0.0010 seconds.)

```
SELECT * FROM `cois3426_cravings_saved`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

username	name
fitz	Leo Fitz

Showing rows 0 - 9 (10 total, Query took 0.0007 seconds.)

```
SELECT * FROM `cois3426_cravings_recipes`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 | Filter rows: Search this table

+ Options

ID	username	recipe name	prep time	directions	image	time created	recipe Rating
71	fitz	bread	20	0z9b-0n-0d9lgr [h9nbu0smer9 gu-0rh-e8ahp8u	NULL	04/20/2021 04:59:04	
76	fitz	Noodles	20	inonouin8n8n	NULL	04/20/2021 04:59:55	
86	fitz	bread	20	0z9b-0n-0d9lgr [h9nbu0smer9 gu-0rh-e8ahp8u	NULL	04/20/2021 05:00:17	
58	omsakrshnasamala	Regina Pelangi	2	Just think	NULL	04/20/2021 23:11:06	
28	omsakrshnasamala	FRIENDS	30	Watch	profile_28.jpg	04/21/2021 02:28:45	
26	omsakrshnasamala	Chicken Curry	60	Boil Boil BOIL	profile_26.jpg	04/21/2021 02:44:45	
46	omsakrshnasamala	Spicy Wings	60	because Redbull gives you wings	profile_46.jpg	04/21/2021 02:47:11	
94	omsakrshnasamala	Rice	20	boil boil BOIL	profile_94.png	04/21/2021 02:48:17	
63	omsakrshnasamala	pizza	60	Keep it in oven and DO NOT FORGET ABOUT IT	profile_63.png	04/21/2021 02:51:06	
22	omsakrshnasamala	Boiled Eggs	15	Make sure you turn off the stove after 15 minutes	profile_22.jpg	04/21/2021 02:53:34	

✓ Showing rows 0 - 9 (10 total, Query took 0.0013 seconds.)

```
SELECT * FROM `cois3420_cravings_ingredients`
```



Show all

Number of rows:

25



Filter rows:

Se

+ Options

ing	recipe ID
	81
	72
	99
	71
	76
	86
	58
	28
Array	26
Array	22

✓ Showing rows 0 - 1 (2 total, Query took 0.0007 seconds.)

```
SELECT * FROM `cois3420_cravings_users`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	name	email	username	password	saved recipe id's	can share posts	can edit posts	profile pic
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	Leo Fitz	mithara777@gmail.com	fitz	\$2y\$10\$bqo/AHadAIT4s2F3cF9XS H/Qvp9o6d8y/NEEkkw...	NULL	No	No	NULL
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	omsaishkrishnasamala	saisatkrishnasamala@gmail.com	omsaishkrishnasamala	\$2y\$10\$5dvD4BTx5ePrYtLT0cgRerBt2dKLVXdeOxraJWl0bP...	NULL	Yes	No	profile_omsaishkrishnasamala.png

☐ Check all | With selected: ☐ Edit ☐ Copy ☐ Delete ☐ Export

Codes

Aboutus.php

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
  <link rel="stylesheet" href="styles/master.css" />
  <title>About Us - Cravings.com</title>
```

```

    <link rel="stylesheet" href="../../styles/getting_started.css" />
</head>
<body class="landingPage">
    <div class="lanPgCon1 about">
        
        <h1 class="landingH1">What is Cravings.com?</h1>
        <p class="logOrReg">This is a place where all food lovers can come
together to share their favourite tastes.</p>
    </div>
    <div class="lanPgCon1 about">
        <h1 class="landingH1">Who brought you Cravings.com?</h1>
        <p class="logOrReg">Cravings.com is the product of a hardworking team of
undergraduate students at Trent University, who all shared the dream of giving
you a better way to start your culinary journey.</p>
    </div>
    <div class="lanPgCon1 about">
        <h1 class="landingH1">What can you do at Cravings.com?</h1>
        <ul class="logOrReg">
            <li>Create your own recipe's and share them</li>
            <li>Save recipe's made by others</li>
            <li>Follow your friends and favourite culinary personalities</li>
            <li>Decide if you want your posts to be public or private</li>
            <li>Decide if you want others to share your posts</li>
        </ul>
        <p class="logOrReg">
Don't be afraid to experiment with new tastes and colours!
        </p>
        <p class="logOrReg">Start your culinary journey now.</p>
        <a class="logRegButton abtBtn"
href="../../register_setup_pages/register.php">Register</a>
    </div>
    <div class="lanPgCon1 about">
        <a class="aboutUs abtBtn" href="landing_page.php">Go Back</a>
        <a class="aboutUs abtBtn" href="help_and_support.php">FAQ</a>
    </div>
</body>
</html>

```

Landingpage.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title> Cravings.com </title>
    <link rel="stylesheet" href= "../../styles/getting_started.css" />
</head>
<body class="landingPage">
    <div>

```



```

    <footer>
        Cravings 2021
    </footer>
</body>
</html>

```

Login.php

```

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

<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Login - Cravings.com</title>
    <link rel="stylesheet" href="../styles/getting_started.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/login.js"></script>
</head>

<body class="loginPage">

    <div class="loginCon1">
        
    </div>

    <div class="loginCon2">
        <h2 id="loginH2">Login</h2>

        <form action="" method="post" id="loginForm" enctype="multipart/form-
data">
            <div>
                <div class="error" id="usernameError"></div>
                <label for="username">username:</label>
                <input id="username" name="username" type="text"
placeholder="John Smith"/>
            </div>

            <div>
                <div class="error" id="passwordError"></div>
                <label for="password">password:</label>
                <input class="password" name="password" type="password"
placeholder="password" id="password"/>
            </div>

            <div>
                <input type="submit" name="submit" id="submitLog"
value="Submit"/>
            </div>

            <a href="signup.php"> Create an account</a>

        </form>
    </div>

```



```

    </div>
    <div class="loginCon3">
    <div>
        <i class="fas fa-quote-left"></i>
        <h1 id="loginH1">The next best thing to eating food, is talking about
it.</h1>
    </div>
    </div>
</body>
</html>

```

Logout.php

```

<?php
session_start();

session_unset();
session_destroy();

header("Location: login.php");

```

Signup.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title> Join The Community </title>
    <link rel="stylesheet" href="../styles/getting_started.css" />
    <script defer src="../scripts/register.js"></script>
</head>

<body class="registrationPage">

    <div class="regCon1">
        
        <h1 id="registrationH1">Join our <span class="green">vibrant</span>
community.</h1>
        <div class="passReqList">
            <p>*Password guidelines: Your password should</p>
            <ul>
                <li>Be between 8 and 15 characters in length</li>
                <li>Contain at least one (1) character from each of the following
categories:
                    <ul>
                        <li>Uppercase letter (A-Z)</li>
                        <li>Lowercase letter (a-z)</li>
                        <li>Digit (0-9)</li>
                        <li>Special character (~`!@#$$%^&*()+=_-{}[]\|:;''?/<,.)</li>

```



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

The code that connects us to the database

```
<?php
class DB{
// Get the actual document and webroot path for virtual directories
$direx = explode('/', getcwd());
define('DOCRROOT', "$direx[1]/$direx[2]/"); // /home/username/
define('WEBROOT', "$direx[1]/$direx[2]/$direx[3]/");
//home/username/public_html

/*#####
Function for connecting to the database
#####*/

function connectDB()
{
    // Load configuration as an array.
    $config = parse_ini_file(DOCRROOT . "pwd/config.ini");
    $dsn = "mysql:host=$config[domain];dbname=$config[dbname];charset=utf8mb4";

    try {
        $pdo = new PDO($dsn, $config['username'], $config['password'], [
            PDO::ATTR_ERRMODE => PDO::ERRMODE_EXCEPTION,
            PDO::ATTR_DEFAULT_FETCH_MODE => PDO::FETCH_ASSOC,
            PDO::ATTR_EMULATE_PREPARES => false,
        ]);
    } catch (\PDOException $e) {
        throw new \PDOException($e->getMessage(), (int) $e->getCode());
    }

    return $pdo;
}

//Functions to be used in search bar
function viewData() {
    $query = "SELECT * FROM `cois3420_cravings_recipes`";
    $stmt = $pdo->query($query);
    $stmt -> execute();
    $data = $stmt->fetchAll(PDO::FETCH_ASSOC);
    return $data;
}

//function to search the data from recipe
function searchData($recipe){
    $query = $query = "SELECT recipe name FROM `cois3420_cravings_recipes`
LIKE :recipe";
    $stmt = $pdo->query($query);
    $stmt -> execute("name"=> "%". $recipe ."%");
    $data -> $stmt -> fetchAll(PDO::FETCH_ASSOC);
    return $data;
}
}
```

```

<!------- HTML PAGE----->
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title> Join The Community </title>
    <link rel="stylesheet" href="../styles/getting_started.css" />
</head>
<body class="registrationPage">
    <div class="regCon1">
        
        <h1 id="registrationH1">Join our <span class="green">vibrant</span>
community.</h1>
        <div class="passReqList">
            <p>*Password guidelines: Your password should</p>
            <ul>
                <li>Be between 8 and 15 characters in length</li>
                <li>Contain at least one (1) character from each of the following
categories:
                    <ul>
                        <li>Uppercase letter (A-Z)</li>
                        <li>Lowercase letter (a-z)</li>
                        <li>Digit (0-9)</li>
                        <li>Special character (~`!@#$$%^&*()+=-_{ }[]\|:;'"/< ,.)</li>
                    </ul>
                </li>
            </ul>
        </div>
        <div class="regCon2">
            <form action="<?php echo htmlspecialchars($_SERVER['PHP_SELF']); ?>"
method="post" id="registrationForm">
                <div>
                    <div>
                        <label for="name">Name:</label>
                        <input id="name" name="name" type="text" placeholder="John
Smith" />
                        <div id="nameError" class="error"></div>
                    </div>
                    <div>
                        <label for="email">Email:</label>
                        <input id="email" name="email" type="email"
placeholder="john@email.com"required />
                        <div id="emailError" class="error"></div>
                    </div>
                    <div>
                        <label for="username">Choose a username:</label>
                        <input id="username" name="username" type="text"
placeholder="JohnS24"/>
                        <div id="usernameError" class="error"></div>
                    </div>
                </div>
            </form>
        </div>
    </div>

```



```

        <div>
            <div id="passError" class="error"></div>
            <label for="password">Create a password:</label>
            <input id = "pass1" class="password" name="password"
type="password"/>
        </div>
        <div>
            <label for="password">Re-enter password:</label>
            <input id = "pass2" class="password" name="password"
type="password"/>
        </div>
        <div>
            <input type="submit" name="submit" id="submitReg"
value="Submit"/>
        </div>
    </form>
</div>
<div class="regCon3">
    
</div>

</body>
</html>

```

PHP

REVIEWS.PHP This submits reviews to database and fetches them from the database to be displayed on website

```

<?php
$queryR = "SELECT * FROM `reviews`";
$stmtR = $pdo->query($queryR);

// Below function will convert datetime to time elapsed string.
function time_elapsed_string($datetime, $full = false) {
    $now = new DateTime;
    $ago = new DateTime($datetime);
    $diff = $now->diff($ago);
    $diff->w = floor($diff->d / 7);
    $diff->d -= $diff->w * 7;
    $string = array('y' => 'year', 'm' => 'month', 'w' => 'week', 'd' => 'day',
'h' => 'hour', 'i' => 'minute', 's' => 'second');
    foreach ($string as $k => &$v) {
        if ($diff->{$k}) {
            $v = $diff->{$k} . ' ' . $v . ($diff->{$k} > 1 ? 's' : '');
        } else {
            unset($string[$k]);
        }
    }
    if (!$full) $string = array_slice($string, 0, 1);
    return $string ? implode(', ', $string) . ' ago' : 'just now';
}

if (isset($_GET['recipe_id'])) {
    if (isset($_POST['name'], $_POST['rating'], $_POST['content'])) {
        // Insert a new review (user submitted form)
    }
}

```

```

        $stmt = $pdo->prepare('INSERT INTO reviews (recipe_id, name, content,
rating, submit_date) VALUES (?, ?, ?, ?, NOW())');
        $stmt->execute([$ _GET['recipe_id'], $ _POST['name'], $ _POST['content'],
$ _POST['rating']]);
        exit('Your review has been submitted!');
    }
    // Get all reviews by the Recipe ID ordered by the submit date
    $stmt = $pdo->prepare('SELECT * FROM reviews WHERE recipe_id = ? ORDER BY
submit_date DESC');
    $stmt->execute([$ _GET['recipe_id']]);
    $reviews = $stmt->fetchAll(PDO::FETCH_ASSOC);
    // Get the overall rating and total amount of reviews
    $stmt = $pdo->prepare('SELECT AVG(rating) AS overall_rating, COUNT(*) AS
total_reviews FROM reviews WHERE recipe_id = ?');
    $stmt->execute([$ _GET['recipe_id']]);
    $reviews_info = $stmt->fetch(PDO::FETCH_ASSOC);
} else {
    exit('Please provide the recipe ID.');
```

//The summary date will be formatted using the above function; for example, the date "2020-01-09 20:43:02" will be translated to "three weeks ago."

```

function time_elapsed_string($datetime, $full = false) {
    $now = new DateTime;
    $ago = new DateTime($datetime);
    $diff = $now->diff($ago);
    $diff->w = floor($diff->d / 7);
    $diff->d -= $diff->w * 7;
    $string = array('y' => 'year', 'm' => 'month', 'w' => 'week', 'd' => 'day',
'h' => 'hour', 'i' => 'minute', 's' => 'second');
    foreach ($string as $k => &$v) {
        if ($diff->$k) {
            $v = $diff->$k . ' ' . $v . ($diff->$k > 1 ? 's' : '');
        } else {
            unset($string[$k]);
        }
    }
    if (!$full) $string = array_slice($string, 0, 1);
    return $string ? implode(', ', $string) . ' ago' : 'just now';
}

// recipe ID needs to exist we use this to associate reviews with recipes
if (isset($_GET['recipe_id'])) {
    if (isset($_POST['name'], $_POST['rating'], $_POST['content'])) { //This
inserts a new review when the user submits the write review form
        // Insert a new review (user submitted form)
        $stmt = $pdo->prepare('INSERT INTO reviews (recipe_id, name, content,
rating, submit_date) VALUES (?, ?, ?, ?, NOW())');
        $stmt->execute([$ _GET['recipe_id'], $ _POST['name'], $ _POST['content'],
$ _POST['rating']]);
        exit('Your review is public now!');
    }

    if (isset($_POST['name'], $_POST['rating'], $_POST['content'])) {
        // Insert a new review (user submitted form)
        $stmt = $pdo->prepare('INSERT INTO reviews (recipe_id, name, content,
rating, submit_date) VALUES (?, ?, ?, ?, NOW())');
        $stmt->execute([$ _GET['recipe_id'], $ _POST['name'], $ _POST['content'],
$ _POST['rating']]);
        exit('Your review has been submitted!');
    }
}

```

```

// Get all reviews by the Page ID ordered by the submit date
$stmt = $pdo->prepare('SELECT * FROM reviews WHERE recipe_id = ? ORDER BY
submit_date DESC');
$stmt->execute([$GET['recipe_id']]);
$reviews = $stmt->fetchAll(PDO::FETCH_ASSOC);
// Get the overall rating and total amount of reviews
$stmt = $pdo->prepare('SELECT AVG(rating) AS overall_rating, COUNT(*) AS
total_reviews FROM reviews WHERE recipe_id = ?');
$stmt->execute([$GET['recipe_id']]);
$reviews_info = $stmt->fetch(PDO::FETCH_ASSOC);
} else {
    exit('Recipe ID not provided.');
```

```

}
```

```

?>
```

```

<div class="overall_rating">
```

```

    <span class="num"><?=number_format($reviews_info['overall_rating'], 1)?>
```

```

</span>
```

```

    <span class="stars"><?=str_repeat('&#9733;',
```

```

round($reviews_info['overall_rating']))?></span>
```

```

    <span class="total"><?=$reviews_info['total_reviews']?> reviews</span>
```

```

</div>
```

```

<a href="#" class="write_review_btn">Write Review</a>
```

```

<div class="write_review">
```

```

    <form>
```

```

        <input name="name" type="text" placeholder="Your Name" required>
```

```

        <input name="rating" type="number" min="1" max="5" placeholder="Rating
```

```

(1-5)" required>
```

```

        <textarea name="content" placeholder="Write your review here..."
```

```

required></textarea>
```

```

        <button type="submit">Submit Review</button>
```

```

    </form>
```

```

</div>
```

```

<?php foreach ($reviews as $review): ?>
```

```

<div class="review">
```

```

    <h3 class="name"><?=htmlspecialchars($review['name'], ENT_QUOTES)?></h3>
```

```

    <div>
```

```

        <span class="rating"><?=str_repeat('&#9733;', $review['rating'])?>
```

```

    </span>
```

```

        <span class="date"><?=time_elapsed_string($review['submit_date'])?>
```

```

    </span>
```

```

    </div>
```

```

    <p class="content"><?=htmlspecialchars($review['content'], ENT_QUOTES)?></p>
```

```

</div>
```

```

<?php endforeach ?>
```

user_account_settings.php

```

<?php
```

```

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/
```

```

//Start session
```

```

session_start();
```

```

//If username is not set, head to login page
```

```

if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    //Get session variables
    $username = $_SESSION['username'];

    //Connect database
    include "../includes/db_conn.php";
    $pdo = connectDB();

    //Query database for account details
    $statement = $pdo->prepare("SELECT * FROM `cois3420_cravings_users` WHERE `username` = ?");
    $statement->execute([$username]);

    //Enter query results into variables
    foreach($statement as $row){
        $name = $row['name'] ?? "";
        $email = $row['email'] ?? "";
        $canShare = $row['can share posts'] ?? "";
        $canEdit = $row['can edit posts'] ?? "";
    }
}

//If logout button is pressed, destroy session, delete session variables, and head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Account Settings</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/account_settings.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div id = "searchUsers" class="instant-search">
            <div class="search">
                <i class="fas fa-search"></i>
                <input type="text" name="searchBar" id="searchBar"
class="instant-search__input" placeholder="Find your favourite tastes">

```

```

        </div>
    </div>
    <div class="savedRecipesLinkHome">
        <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
    </div>
    <div class="notificationsLinkHome">
        <a href="user_notifications.php"><i class="fas fa-bell"></i>
Notifications</a>
    </div>
    <div class="profileLinkHome">
        <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
    </div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
            <a href="user_account_settings.php?logout=1"><i class="fas fa-
sign-out-alt"></i> Log Out</a>
        </nav>
    </div>

    <main>
        <div class = "settingsDiv settingsTableDiv">
            <h2 class="greenHeading">Account Settings</h2>
            <table id="settingsTable">
                <tbody>
                    <tr>
                        <td class="settd1">Name</td>
                        <td><?php echo $name ?></td>
                        <td class="settd2"><button id="editName"
class="edit">Edit</button></td>
                    </tr>
                    <tr>
                        <td class="settd1">Username</td>
                        <td><?php echo $_SESSION['username']; ?></td>
                        <td class="settd2"><button id="editUsername"
class="edit">Edit</button></td>
                    </tr>
                    <tr>
                        <td class="settd1">Email</td>
                        <td><?php echo $email ?></td>
                        <td class="settd2"><button id="editEmail"
class="edit">Edit</button></td>
                    </tr>
                    <tr>
                        <td class="settd1">Password</td>
                        <td>-----</td>
                        <td class="settd2"><button id="editPassword"
class="edit">Edit</button></td>
                    </tr>
                    <tr>

```

```

                <td class="settd1">Allow others to share your
posts</td>

                <td><?php echo $canShare ?></td>
                <td class="settd2"><button id="editShare"
class="edit">Edit</button></td>
            </tr>
            <tr>
                <td class="settd1">Allow others to edit your
posts</td>

                <td><?php echo $canEdit ?></td>
                <td class="settd2"><button id="editEdit"
class="edit">Edit</button></td>
            </tr>
        </tbody>
    </table>
</div>

    <div id="editNameDiv" class = "settingsDiv hidden">
        <h2 class="greenHeading">Edit Name</h2>
        <form action="" method="post" id="editNameForm">
            <div class="error" id="newNameError"></div>
            <label for="name">Enter A New Username</label>
            <input id="newName" name="name" type="text"/>
            <input type="submit" name="submit1" id="submitNewName"
value="Save" class="settingsSubmit"/>
            <button type="reset" class="cancelBtn"
id="cancelEditName">Cancel</button>
        </form>
    </div>

    <div id="editUsernameDiv" class = "settingsDiv hidden">
        <h2 class="greenHeading">Edit Username</h2>
        <form action="" method="post" id="editUsernameForm">
            <div class="error" id="newUsernameError"></div>
            <label for="username">Enter A New Username</label>
            <input id="newUsername" name="username" type="text"
placeholder="JohnS24"/>
            <input type="submit" name="submit2" id="submitNewUsername"
value="Save" class="settingsSubmit"/>
            <button type="reset" class="cancelBtn"
id="cancelEditUsername">Cancel</button>
        </form>
    </div>

    <div id="editEmailDiv" class = "settingsDiv hidden">
        <h2 class="greenHeading">Edit Email</h2>
        <form action="" method="post" id="editEmailForm">
            <div class="error" id="newEmailError"></div>
            <label for="password">Please re-enter Password</label>
            <input type="password" name="password" id="reEnterPass1">
</input>
            <label for="email">Enter A New Email</label>
            <input type="text" name="email" id="newEmail"></input>
            <input type="submit" name="submit3" id="submitNewEmail"
value="Save" class="settingsSubmit"/>
            <button type="reset" class="cancelBtn"
id="cancelEditEmail">Cancel</button>
        </form>

```

```

</div>

<div id="editPasswordDiv" class = "settingsDiv hidden">
  <h2 class="greenHeading">Edit Password</h2>
  <form action="" method="post" id="editPasswordForm">
    <div class="error" id="newPassError"></div>
    <label for="password1">Please re-enter your current
Password</label>
    <input type="password" name="password1" id="reEnterPass2">
  </input>
    <label for="password2">Please enter your new
Password</label>
    <input type="password" name="password2" id="newPass">
  </input>
    <label for="password3">Please confirm your new
Password</label>
    <input type="password" name="password3" id="confirmNewPass">
  </input>
    <input type="submit" name="submit4" id="submitNewPass"
value="Save" class="settingsSubmit"/>
    <button type="reset" class="cancelBtn"
id="cancelEditPass">Cancel</button>
  </form>
</div>

<div class="settingsDiv hidden" id="editShareDiv">
  <h2 class="greenHeading">Set Post Sharing Settings</h2>
  <form action="" method="post" id="editShareForm">
    <fieldset>
      <div class="error" id="shareError"></div>
      <legend>Do you want your posts to be share-able?
</legend>

      <div>
        <input type="radio" name="share" id="shareRadio"
value="Yes">
        <label for="share">Yes</label>
      </div>
      <div>
        <input type="radio" name="share" id="noShareRadio"
value="No">
        <label for="share">No</label>
      </div>
      <input type="submit" name="submit5" id="submitVis"
value="Save" class="settingsSubmit"/>
      <button type="reset" class="cancelBtn"
id="cancelEditShare">Cancel</button>
    </fieldset>
  </form>
</div>

<div class="settingsDiv hidden" id="editEditDiv">
  <h2 class="greenHeading">Set Post Edit Settings</h2>
  <form action="" method="post" id="editEditForm">
    <fieldset>
      <div class="error" id="editError"></div>
      <legend>Do you want others to be able to edit your
posts?</legend>

```



```

        <div>
            <input type="radio" name="edit" id="editRadio"
value="Yes">
            <label for="edit">Yes</label>
        </div>
        <div>
            <input type="radio" name="edit" id="noEditRadio"
value="No">
            <label for="edit">No</label>
        </div>
        <input type="submit" name="submit6" id="submitvis"
value="Save" class="settingsSubmit"/>
        <button type="reset" class="cancelBtn"
id="cancelEditEdit">Cancel</button>
    </fieldset>
</form>
</div>

</main>

<div class="navContainer2">
    <nav id="nav1">
        <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
    </nav>
</div>
</div>
</body>
</html>

<?php
if (isset($_POST['submit1'])) {

    $name = $_POST['name'] ?? "";

    $query = "UPDATE `cois3420_cravings_users` SET `name`=? WHERE `username`=?";

    $stmt=$pdo->prepare($query) ->execute([$name, $username]);

    $_SESSION['name'] = $name;
}

if (isset($_POST['submit2'])) {

    $newUsername = $_POST['username'] ?? "";

    $query = "UPDATE `cois3420_cravings_users` SET `username`=? WHERE
`username`=?";
    $stmt=$pdo->prepare($query) ->execute([$newUsername, $username]);

    $query = "UPDATE `cois3420_cravings_saved` SET `username`=? WHERE `name`=?";

    $stmt=$pdo->prepare($query) ->execute([$newUsername, $_SESSION['name']]);

    $_SESSION['username'] = $newUsername;
}

```

```

}

if (isset($_POST['submit3'])) {

    $email = $_POST['email'] ?? "";

    $query = "UPDATE `cois3420_cravings_users` SET `email`=? WHERE `username`=?";
    $stmt=$pdo->prepare($query) ->execute([$email, $username]);

    $_SESSION['email'] = $email;
}

if (isset($_POST['submit4'])) {

    $pass = $_POST['password2'] ?? "";

    $password = password_hash($pass, PASSWORD_DEFAULT);

    $query = "UPDATE `cois3420_cravings_users` SET `password`=? WHERE
`username`=?";
    $stmt=$pdo->prepare($query) ->execute([$password, $username]);

}

if (isset($_POST['submit5'])) {

    $share = $_POST['share'] ?? "";

    $query = "UPDATE `cois3420_cravings_users` SET `can share posts`=? WHERE
`username`=?";
    $stmt=$pdo->prepare($query) ->execute([$share, $username]);

    $_SESSION['share'] = $share;
}

if (isset($_POST['submit6'])) {

    $edit = $_POST['edit'] ?? "";

    $query = "UPDATE `cois3420_cravings_users` SET `can edit posts`=? WHERE
`username`=?";
    $stmt=$pdo->prepare($query) ->execute([$edit, $username]);

    $_SESSION['edit'] = $edit;
}

?>

```

Notifications

```
<?php
```

//Session code reference: <https://www.geeksforgeeks.org/how-to-display-logged-in-user-information-in-php/>

```
//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}
```

?>

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Notifications</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">
                <span class = "input-group-text"></span>
                <i class="fas fa-search"></i>
                <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
            </div>
            <ul class = "list-group" id= "list"></ul>
        </div>
        <div class="savedRecipesLinkHome">
            <a href=""><i class="fas fa-bookmark"></i> Saved Recipe's</a>
        </div>
        <div class="notificationsLinkHome">
            <a href=""><i class="fas fa-bell"></i> Notifications</a>
        </div>
        <div class="profileLinkHome">
            <a href=""><p>Your Name </p></a>
        </div>
    </header>
```

```

        <div class="homePageContainer">
            <div class="navContainer1">
                <nav id="nav1">
                    <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
                    <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
                    <a href="user_notifications.php?logout='1'"><i class="fas fa-
sign-out-alt"></i> Log Out</a>
                </nav>
            </div>

            <main>
                <!--PUT ALL CODE HERE-->
            </main>

            <div class="navContainer2">
                <nav id="nav1">
                    <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
                </nav>
            </div>
        </div>
    </body>
</html>

```

create_recipe.php

```

<?php

//Connect database
include "../includes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/

//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    $username = $_SESSION['username'];
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
}

```



```

        <a href="user_notifications.php">
        
        <div class="text">
        <h4>khaled</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Om</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Mithara</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>
</div>
</div>

    <div class="profileLinkHome">
        <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
    </div>
</header>

    <div class="homePageContainer">
        <div class="navContainer1">
            <nav id="nav1">
                <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
                <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
                <a href="user_create_recipe.php?logout='1'"><i class="fas fa-
sign-out-alt"></i> Log Out</a>
            </nav>
        </div>

        <main>

            <form action=" " method="post" id="createRecipeForm" >

                <h2 id="readRecipeName">Create A Recipe</h2>

                <div>
                    <div> <label for="recipeName">Recipe Name:</label> </div>
                    <div class="error" id="recipeNameError"></div>

```

```

        <div> <input id="recipeName" name="recipeName" type="text"
placeholder="Noodles"/></div>
    </div>

    <div>
        <div><label for="prepTime">Recipe Prep Time (minutes)</label>
</div>

        <div class="error" id="prepTimeError"></div>
        <div><input id="prepTime" name="prepTime" type="text"
placeholder="minutes"/>
</div>

    <div>
        <div><label for="ingredients[]">Ingredients (Quantities are
recommended!)</label></div>
        <div id="inEr" class="error"></div>
        <div id="ingDiv">
            <div class="tag-container"><div><input class="ingredients"
name="ingredients[]" type="text" placeholder="flour" /></div></div>
            <div class="tag-container"><div><input class="ingredients"
name="ingredients[]" type="text" placeholder="flour" /></div></div>
        </div>
        <div><button id="addMoreIng">Add More Ingredients</button></div>
    </div>

    <div>
        <div><label for="directions">Directions</label></div>
        <div class="error" id="directionsError"></div>
        <div><textarea id="directions" name="directions" ></textarea>
</div>

    </div>

    <div>
        <input type="submit" name="submit" id="recipeSubmit"/>
    </div>

</form>

</main>

<div class="navContainer2">
    <nav id="nav1">
    </nav>
</div>
</div>
</body>
</html>

<?php

if (isset($_POST['submit'])) {

    $recipeName = $_POST['recipeName'] ?? "";
    $prepTime = $_POST['prepTime'] ?? "";
    $directions = $_POST['directions'] ?? "";

    $id = rand(1,100);
    $time = date('m/d/Y H:i:s', time());

```



```

        $query = "INSERT INTO `cois3420_cravings_recipes`(`ID`,`username`,`recipe
name`, `prep time`, `directions`, `time created`) VALUES(?,?,?,?,?,?)";
        $stmt=$pdo->prepare($query) ->execute([$id, $username, $recipeName,
$prepTime, $directions, $time]);

        $query = "INSERT INTO `cois3420_cravings_ingredients`(`recipe id`)
VALUES(?)";
        $stmt=$pdo->prepare($query) ->execute([$id]);

        $query = "UPDATE `cois3420_cravings_ingredients` SET `ing` WHERE `recipe ID`=
?";
        $stmt=$pdo->prepare($query) ->execute([$_POST['ingredients'], $id]);
    }

?>

```

user_created_recipe_list.php allows the user to edit their information

```

<?php
//include 'includes/library.php';
//$pdo = connectDB();
?>

<!------- HTML PAGE----->
<!DOCTYPE html>
<html lang="en">
<head>
    <?php
    //include '/includes/metadata.php';
    ?>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Your Recipe's</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/created_recipe_list.js"></script>
    <script defer src="../scripts/create_recipe.js"></script>
    <script defer src="scripts/SearchBar.js"></script>
</head>

<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">
                <span class = "input-group-text"></span>
                <i class="fas fa-search"></i>
            </div>
        </div>
    </header>

```

```

        <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
    </div>
    <ul class = "list-group" id= "list"></ul>
</div>
<div class="savedRecipesLinkHome">
    <a href="user_saved_recipes.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
</div>
<div class="notificationsLinkHome">
    <div class="icon" onclick="toggleNotifi()">
        <h4><i class="fas fa-bell"></i> Notifications</h4>
    </div>
    <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

        <div class="notifi-item">
            <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Ayaan</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>khaled</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Om</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Mithara</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>
        </div>
    </div>
    <div class="profileLinkHome">
        <a href=""><p>Your Name </p></a>
    </div>
</header>

```

```

<div class="homePageContainer">
  <div class="navContainer1">
    <nav id="nav1">
      <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
      <a href="user_privacy_settings.php"><i class="fas fa-shield-
alt"></i> Privacy</a>
      <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
    </nav>
  </div>

  <main>
    <h2 id="savedRec">Recipe's Created By You</h2>
    <table class="savedRecipeTable">
      <tbody id="recipeTableBody">
        <tr> <!-- table heading --->
          <th>Recipe</th>
          <th>Prep Time</th>
          <th></th>
        </tr>
      </tbody>
    </table>
  </main>

  <div class="navContainer2">
    <nav id="nav1">
    </nav>
  </div>
</div>
</body>
</html>

```

user_edit_post.php this is the edit post page

```

<?php

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/

//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

?>

```

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8" />
  <meta name="viewport" content="width=device-width, initial-scale=0.5" />
  <meta http-equiv="X-UA-Compatible" content="ie=edge" />
  <title>Cravings - Create A Recipe</title>
  <link rel="stylesheet" href= "../styles/user_account.css" />
  <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
  <script defer src="../scripts/edit_recipe.js"></script>
</head>

<body class="homePage">

  <header>
    <div class="cravingsLogo">
      <a href="user_homepage.php"></a>
    </div>
    <div class = "input-group">
      <div class="search">
        <span class = "input-group-text"></span>
        <i class="fas fa-search"></i>
        <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
      </div>
      <ul class = "list-group" id= "list"></ul>
    </div>
    <div class="savedRecipesLinkHome">
      <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
    </div>

    <div class="notificationsLinkHome">
      <div class="icon" onclick="toggleNotifi()">
        <h4><i class="fas fa-bell"></i> Notifications</h4>
      </div>
      <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

        <div class="notifi-item">
          <a href="user_notifications.php">
            
            <div class="text">
              <h4>Ayaan</h4>
              <p>@lorem ipsum dolor sit amet</p></a>
            </div>
          </div>

          <div class="notifi-item">
            <a href="user_notifications.php">
              
              <div class="text">
                <h4>Khaled</h4>
                <p>@lorem ipsum dolor sit amet</p></a>
              </div>
            </div>

```

```

        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
            
            <div class="text">
                <h4>Om</h4>
                <p>@lorem ipsum dolor sit amet</p></a>
            </div>
        </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
            
            <div class="text">
                <h4>Mithara</h4>
                <p>@lorem ipsum dolor sit amet</p></a>
            </div>
        </div>
    </div>
</div>
</div>

<div class="profileLinkHome">
    <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
</div>
</header>

<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
            <a href="user_create_recipe.php?logout='1'"><i class="fas fa-
sign-out-alt"></i> Log Out</a>
        </nav>
    </div>

    <main>

    <form action=" " method="post" id="createRecipeForm">

        <h2 id="readRecipeName">Create A Recipe</h2>

        <div>
            <div> <label for="recipeName">Recipe Name:</label> </div>
            <div class="error" id="recipeNameError"></div>
            <div> <input id="recipeName" name="recipeName" type="text" />
        </div>

    </div>

    <div>

        <div>

```

```

        <div><label for="prepTime">Recipe Prep Time (minutes)</label>
    </div>

    <div class="error" id="prepTimeError"></div>
    <div><input id="prepTime" name="prepTime" type="text"/>
</div>

    <div>
        <div><label for="ingredients[]">Ingredients (Quantities are
recommended!)</label></div>
        <div id="inEr" class="error"></div>
        <div id="ingDiv"></div>
        <div><button id="addMoreIng">Add More Ingredients</button></div>
    </div>

    <div>
        <div><label for="directions">Directions</label></div>
        <div class="error" id="directionsError"></div>
        <div><textarea id="directions" name="directions" ></textarea>
    </div>

</div>

    <div>
        <p>If the following sections are not set, your account defaults
will be applied.</p>

        <fieldset class="createRecipeFieldset">
            <legend>This post can be shared by others:</legend>
            <div class="error" id="shareError"></div>
            <div>
                <input type="radio" name="share" id="yesShare">
                <label for="share">Yes</label>
            </div>
            <div>
                <input type="radio" name="share" id="noShare">
                <label for="share">No</label>
            </div>
        </fieldset>

        <fieldset class="createRecipeFieldset">
            <legend>This post can be edited by others:</legend>
            <div class="error" id="editError"></div>
            <div>
                <input type="radio" name="edit" id="yesEdit">
                <label for="edit">Yes</label>
            </div>
            <div>
                <input type="radio" name="edit" id="noEdit">
                <label for="edit">No</label>
            </div>
        </fieldset>

    </div>

    <div>
        <input type="submit" name="recipeSubmit" id="recipeSubmit"/>
    </div>

</form>

```

```

        </main>

        <div class="navContainer2">
            <nav id="nav1">
                <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
            </nav>
        </div>
    </div>
</body>
</html>

```

user_edit_profile.php

```

<?php

//Connect database
include "../incudes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/
//Start session
session_start();

$username = "";

//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    //Get session variable username
    $username = $_SESSION['username'];
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

?>

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Edit Profile</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
</head>

```



```

<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">
                <span class = "input-group-text"></span>
                <i class="fas fa-search"></i>
                <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
            </div>
            <ul class = "list-group" id= "list"></ul>
        </div>
        <div class="savedRecipesLinkHome">
            <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
        </div>
        <div class="notificationsLinkHome">
            <a href=""><i class="fas fa-bell"></i> Notifications</a>
        </div>
        <div class="profileLinkHome">
            <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
        </div>
    </header>
    <div class="homePageContainer">
        <div class="navContainer1">
            <nav id="nav1">
                <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
                <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
                <a href="user_edit_profile.php?logout=1"><i class="fas fa-
sign-out-alt"></i> Log Out</a>
            </nav>
        </div>

        <main>
            <div class="settingsDiv">
                <h2 class="greenHeading">Select Your Preferences</h2>
                <form action="<?php echo htmlspecialchars($_SERVER['PHP_SELF']);
?>" method="post">
                    <fieldset>
                        <div class="error" id="shareError"></div>
                        <legend>Do you want your posts to be share-able?

</legend>

                        <div>
                            <input type="radio" name="share" id="shareRadio">
                            <label for="share">Yes</label>
                        </div>
                        <div>
                            <input type="radio" name="share" id="noShareRadio">
                            <label for="share">No</label>
                        </div>
                    </fieldset>
                </form>
            </div>
        </main>
    </div>

```

```

        </fieldset>
        <fieldset>
            <div class="error" id="editError"></div>
            <legend>Do you want others to be able to edit your
posts?</legend>

            <div>
                <input type="radio" name="edit" id="editRadio">
                <label for="edit">Yes</label>
            </div>
            <div>
                <input type="radio" name="edit" id="noEditRadio">
                <label for="edit">No</label>
            </div>
        </fieldset>
        <input type="submit" name="submit" value="Save"
class="settingsSubmit"/>
    </form>
</div>
</main>

    <div class="navContainer2">
        <nav id="nav1">
            <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
        </nav>
    </div>
</div>
</body>
</html>

<?php

if (isset($_POST['submit'])) {

    $share = $_POST['share'] ?? "";
    $edit = $_POST['edit'] ?? "";

    $query = "INSERT INTO 'cois3420_cravings_users' ('can share posts', 'can
edit posts') VALUES(?,?) WHERE 'username' = ?";
    $stmt=$pdo->prepare($query) ->execute([$share, $edit, $username]);
}

?>

```

User_homepage.php

```

<?php

//Connect database
include "../includes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/

```

```

//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    //Get session variables
    $username = $_SESSION['username'];
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

$query = "SELECT * FROM `cois3420_cravings_recipes`";
$stmt = $pdo->query($query);
{

$db = new DB();
$data = $db ->viewData($data);
?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Home</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/homepage.js"></script>
    <script defer src="../scripts/SearchBar.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">
                <span class = "input-group-text"></span>
                <i class="fas fa-search"></i>
                <form action="search.php" method = "POST">
                    <input type="text" name="recipe" id="searchBar"
placeholder="Find your favourite tastes" oninput = search(this.value)>
                </div>
                <ul id= "list">
                    <?php foreach($data as $i){ ?>
                        <li> <?php echo $i["recipe name"]; ?></li>
                        <?php ?>
                    </ul>
                    <script src = "scripts/search2.js"></script>

```

```

    </div>
    <div class="savedRecipesLinkHome">
        <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
    </div>
    <div class="notificationsLinkHome">
        <div class="icon" onclick="toggleNotifi()">
            <h4><i class="fas fa-bell"></i> Notifications</h4>
        </div>
        <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

            <div class="notifi-item">
                <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Ayaan</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                
                <div class="text">
                    <h4>khaled</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Om</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Mithara</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>
        </div>
    </div>
    <div class="profileLinkHome">
        <a href="user_profile.php"><p><?php echo $_SESSION['username']?></p>
</a>
    </div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">

```

```

        <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
        <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
        <a href="user_homepage.php?logout='1'"><i class="fas fa-sign-
out-alt"></i> Log Out</a>
    </nav>
</div>

<main id="homePageMain">

<?php foreach ($stmt as $row):
    $id = $row['ID'];
    $uname = $row['username'];
    $recipeName = $row['recipe name'];
    $prepTime = $row['prep time'];
    $directions = $row['directions'];
    $time = $row['time created'];

    $_SESSION['postID'] = $id;

?>
    <div class="homeUserPost" id="userPost">

        <div class="homePostUsername">
            
            <p id="postUsername"><?php echo $uname?></p>
            <p class="timePosted" id="postTime"><?php echo
$time?></p>
        </div>

        <div class="homeUserPost2">

            <div class="recipeName">
                <a href="user_read_recipe.php"
class="recipeLink">
                    <p id="nameOfRec"><?php echo $recipeName?>
</p>
                </a>
            </div>

            <div class="recipeDescription">
                <p class="description" id="recDesc"><?php echo
$directions?></p>
                <p class="prepTime" id="prpT"><i class="far fa-
clock"></i><?php echo $prepTime?></p>
            </div>

            <div class="recipeImage">
                <a href="user_read_recipe.php"
class="recipeLink">
                    
                </a>
            </div>

```

```

        </div>

        <div class="userPostOptions" id="<?php echo $id?>">
            <button class="opBtn saveBtn"><i class="fas fa-
bookmark"></i></button>
            <button class="opBtn shareBtn"><i class="fas fa-
share-alt-square"></i></button>
            <button class="opBtn editBtn"><i class="fas fa-
edit"></i></button>
        </div>
    </div>
    <?php endforeach ?>
</main>

    <div class="navContainer2">
        <nav id="nav1">
            <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
        </nav>
    </div>
</div>
</div>
</body>
</html>

```

USER PRIVACY SETTINGS

```

php
//include 'includes/library.php';
//$pdo = connectDB();
?>

<!------- HTML PAGE----->
<!-->
<!DOCTYPE html>
<html lang="en">
<head>
    <?php
    //include '/includes/metadata.php';
    ?>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Privacy Settings</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/create_recipe.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>

```

```

<div class = "input-group">
  <div class="search">
    <span class = "input-group-text"></span>
    <i class="fas fa-search"></i>
    <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
  </div>
  <ul class = "list-group" id= "list"></ul>
</div>
<div class="savedRecipesLinkHome">
  <a href=""><i class="fas fa-bookmark"></i> Saved Recipe's</a>
</div>
<div class="notificationsLinkHome">
  <div class="icon" onclick="toggleNotifi()">
    <h4><i class="fas fa-bell"></i> Notifications</h4>
  </div>
  <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

    <div class="notifi-item">
      <a href="user_notifications.php">
        
        <div class="text">
          <h4>Ayaan</h4>
          <p>@lorem ipsum dolor sit amet</p></a>
        </div>
      </div>

    <div class="notifi-item">
      <a href="user_notifications.php">
        
        <div class="text">
          <h4>khaled</h4>
          <p>@lorem ipsum dolor sit amet</p></a>
        </div>
      </div>

    <div class="notifi-item">
      <a href="user_notifications.php">
        
        <div class="text">
          <h4>Om</h4>
          <p>@lorem ipsum dolor sit amet</p></a>
        </div>
      </div>

    <div class="notifi-item">
      <a href="user_notifications.php">
        
        <div class="text">
          <h4>Mithara</h4>
          <p>@lorem ipsum dolor sit amet</p></a>
        </div>
      </div>
  </div>
</div>
<div class="profileLinkHome">

```



```

        <a href=""><p>Your Name </p></a>
    </div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="user_privacy_settings.php"><i class="fas fa-shield-alt">
</i> Privacy</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
        </nav>
    </div>

    <main>
        <div class=settingsDiv>
            <h2 class="greenHeading">Privacy Settings</h2>
            <table class="settingsTable">
                <tbody>
                    <tr>
                        <td class="settd3">Account visibility</td>
                        <td></td>
                        <td class="settd2"><button id="editVis"
class="edit">Edit</button></td>
                    </tr>
                    <tr>
                        <td class="settd3">Allow others to share your
posts</td>
                        <td></td>
                        <td class="settd2"><button id="editShare"
class="edit">Edit</button></td>
                    </tr>
                    <tr>
                        <td class="settd3">Allow others to edit your
posts</td>
                        <td></td>
                        <td class="settd2"><button id="editEdit"
class="edit">Edit</button></td>
                    </tr>
                </tbody>
            </table>
        </div>

        <div class="settingsDiv" id="editPrivacyDiv">
            <h2 class="greenHeading">Set Account Visibility</h2>
            <form action="?>" method="post" id="editPrivacyForm">
                <fieldset>
                    <legend>Please Choose One</legend>
                    <div>
                        <input type="radio" name="private"
id="privateRadio">
                        <label for="private">Private</label>
                    </div>
                </div>
            </div>

```

```

        <input type="radio" name="public" id="publicRadio">
        <label for="public">Public</label>
    </div>
    <input type="submit" name="submit" id="submitVis"
value="Save" class="settingsSubmit"/>
    </fieldset>
</form>
</div>

    <div class="settingsDiv hidden" id="editShareDiv">
        <h2 class="greenHeading">Set Post Sharing Settings</h2>
        <form action="<?php echo htmlspecialchars($_SERVER['PHP_SELF']);
?>" method="post" id="editShareForm">
            <fieldset>
                <legend>Do you want your posts to be share-able?
</legend>

                <div>
                    <input type="radio" name="share" id="shareRadio">
                    <label for="share">Yes, allow other's to share my
posts</label>

                </div>
                <div>
                    <input type="radio" name="noShare"
id="noShareRadio">
                    <label for="noShare">No, do not allow others to
share my posts</label>

                </div>
                <input type="submit" name="submit" id="submitVis"
value="Save" class="settingsSubmit"/>
            </fieldset>
        </form>
    </div>

    <div class="settingsDiv hidden" id="editEditDiv">
        <h2 class="greenHeading">Set Post Edit Settings</h2>
        <form action="<?php echo htmlspecialchars($_SERVER['PHP_SELF']);
?>" method="post" id="editEditForm">
            <fieldset>
                <legend>Do you want others to be able to edit your
posts?</legend>

                <div>
                    <input type="radio" name="edit" id="editRadio">
                    <label for="edit">Yes</label>
                </div>
                <div>
                    <input type="radio" name="noEdit" id="noEditRadio">
                    <label for="noEdit">No</label>
                </div>
                <input type="submit" name="submit" id="submitVis"
value="Save" class="settingsSubmit"/>
            </fieldset>
        </form>
    </div>
</main>

    <div class="navContainer2">
        <nav id="nav1">
            </nav>
    </div>

```

```

        </div>
    </div>
</body>
</html>

```

user_profile_outerview

```

<?php

//Connect database
include "../incudes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/
//Start session
session_start();

//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    //Get session variables
    $username = $_SESSION['username'];
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

$query = "SELECT * FROM `cois3420_cravings_recipes` WHERE `username`=?";
$stmt = $pdo->query($query);

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Profile</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/create_recipe.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">

```

```

        <a href="user_homepage.php"></a>
    </div>
    <div class = "input-group">
        <div class="search">
            <span class = "input-group-text"></span>
            <i class="fas fa-search"></i>
            <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
        </div>
        <ul class = "list-group" id= "list"></ul>
    </div>
    <div class="savedRecipesLinkHome">
        <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
    </div>
    <div class="notificationsLinkHome">
        <div class="icon" onclick="toggleNotifi()">
            <h4><i class="fas fa-bell"></i> Notifications</h4>
        </div>
        <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Ayaan</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Khaled</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Om</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Mithara</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

        </div>
    </div>

```



```

                <a href="user_read_recipe.php"
class="recipeLink">
                    
                </a>
            </div>
        </div>
    </div>
<?php endforeach ?>
</div>
</main>

    <div class="navContainer2">
        <nav id="nav1">
            <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
        </nav>
    </div>
</div>
</body>
</html>

```

user_profile.php

```

<?php

//Connect database
include "../incudes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/
//Start session
session_start();

//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    //Get session variables
    $username = $_SESSION['username'];
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />

```

```

<meta name="viewport" content="width=device-width, initial-scale=1.0" />
<meta http-equiv="X-UA-Compatible" content="ie=edge" />
<title>Cravings - Profile</title>
<link rel="stylesheet" href= "../styles/user_account.css" />
<script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
<script defer src="../scripts/create_recipe.js"></script>
</head>
<body class="homePage">
  <header>
    <div class="cravingsLogo">
      <a href="user_homepage.php"></a>
    </div>
    <div class= "input-group">
      <div class="search">
        <span class= "input-group-text"></span>
        <i class="fas fa-search"></i>
        <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
      </div>
      <ul class= "list-group" id= "list"></ul>
    </div>
    <div class="savedRecipesLinkHome">
      <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
    </div>
    <div class="notificationsLinkHome">
      <div class="icon" onclick="toggleNotifi()">
        <h4><i class="fas fa-bell"></i> Notifications</h4>
      </div>
      <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">
        <div class="notifi-item">
          <a href="user_notifications.php">
            
            <div class="text">
              <h4>Ayaan</h4>
              <p>@lorem ipsum dolor sit amet</p></a>
            </div>
          </div>

          <div class="notifi-item">
            <a href="user_notifications.php">
              
              <div class="text">
                <h4>Khaled</h4>
                <p>@lorem ipsum dolor sit amet</p></a>
              </div>
            </div>

          <div class="notifi-item">
            <a href="user_notifications.php">
              
              <div class="text">
                <h4>Om</h4>
                <p>@lorem ipsum dolor sit amet</p></a>
              </div>
            </div>

```

```

        </div>

        <div class="notifi-item">
            <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Mithara</h4>
                    <p>@lorem ipsum dolor sit amet</p></div>
                </div>
            </div>
        </div>
    </div>
    <div class="profileLinkHome">
        <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
    </p></a>
    </div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
            <a href="user_profile_outerview.php?logout='1'"><i class="fas
fa-sign-out-alt"></i> Log Out</a>
        </nav>
    </div>

    <main class="userProfileMain">
        <div id="userProfileDiv">

            <h2 class="greenHeading"><?php echo $_SESSION['username'] ?></h2>

            <h4>Your Recipe's</h4>
            <?php

                $statement = $pdo->prepare("SELECT * FROM
`cois3420_cravings_recipes` WHERE `username` = ?");
                $statement->execute([$username]);

                foreach ($statement as $row):
                    $id = $row['ID'];
                    $recipeName = $row['recipe name'];
                    $prepTime = $row['prep time'];
                    $directions = $row['directions'];
                    $time = $row['time created'];
                ?>

                <div class="homeUserPost" id="userPost">

                    <div class="homePostUsername">
                        <p class="timePosted" id="postTime"><?php echo
$`time`?></p>

                    </div>

                    <div class="homeUserPost2">

```



```

        <div class="recipeName">
            <a href="user_read_recipe.php"
class="recipeLink">
                <p id="nameOfRec"><?php echo $recipeName?>
</p>
            </a>
        </div>

        <div class="recipeDescription">
            <p class="description" id="recDesc"><?php echo
$directions?></p>
            <p class="prepTime" id="prpt"><i class="far fa-
clock"></i><?php echo $prepTime?></p>
        </div>

        <div class="recipeImage">
            <a href="user_read_recipe.php"
class="recipeLink">
                
            </a>
        </div>
    </div>
</div>
<?php endforeach ?>
</div>
</main>

<div class="navContainer2">
    <nav id="nav1">
        <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
    </nav>
</div>
</div>
</body>
</html>

```

User_read_recipe.php

```

<?php

//Connect database
include "../includes/db_conn.php";
$pdo = connectDB();

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/
//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
else{
    $id = $_SESSION['postID'] ?? "";
}

```

```

$username = $_SESSION['username'] ?? "";
}
//If logout button is pressed, destroy session, delete session variables, and
head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

$stmtment = $pdo->prepare("SELECT * FROM `cois3420_cravings_recipes` WHERE `ID`
= ?");
$stmtment->execute([$id]);

$stmt = $pdo->prepare("SELECT * FROM `cois3420_cravings_ingredients` WHERE
`recipe ID` = ?");
$stmt->execute([$id]);

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Read Recipe</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/read_recipe.js"></script>
    <script defer src="../scripts/create_recipe.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">
                <span class = "input-group-text"></span>
                <i class="fas fa-search"></i>
                <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
            </div>
            <ul class = "list-group" id= "list"></ul>
        </div>
        <div class="savedRecipesLinkHome">
            <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
        </div>
        <div class="notificationsLinkHome">
            <div class="icon" onclick="toggleNotifi()">
                <h4><i class="fas fa-bell"></i> Notifications</h4>
            </div>
            <div class="notifi-box hidden" id="box" style="height: 850px; width:
350px; opacity: 1;">
                <div class="notifi-item">

```

```

        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Ayaan</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>khaled</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Om</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Mithara</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>
</div>
</div>
<div class="profileLinkHome">
    <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
</div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
            <a href="user_read_recipe.php?logout='1'"><i class="fas fa-sign-
out-alt"></i> Log Out</a>
        </nav>
    </div>

    <main class="readMain">

    <?php
    foreach($statement as $row):

```

```

        $username = $row['username'];
        $uname = $row['username'];
        $recipeName = $row['recipe name'];
        $prepTime = $row['prep time'];
        $directions = $row['directions'];
        $time = $row['time created'];
    ?>
    <div class="readRecipe">

        <div class="readRecipeOptions">

            <button class="saveBtn"><i class="fas fa-bookmark"></i>
</button>
            <button class="shareBtn"><i class="fas fa-share-alt-square">
</i></button>
            <button class="editBtn"><i class="fas fa-edit"></i></button>
        </div>
        <h2 class="readRecipeName"><?php echo $recipeName ?></h2>
        <p class="readRecipeBy">Created By <span class="bold"><?php echo
$uname ?></span> at <span class="bold"><?php echo $time ?></span></p>
        <p class="readRecipePrepTime"><i class="far fa-clock"></i><?php
echo $prepTime ?></p>
        <?php foreach ($stmt as $row): ?>
        <ul>
            <li>$row[]</li>
        </ul>
        <?php endforeach ?>
        <p class="readRecipeInstructions"> <?php echo $directions ?>
</p>

    </div>
<?php endforeach ?>

</main>

<div class="navContainer2">
    <nav id="nav1">
        <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
    </nav>
</div>
</div>
</body>
</html>

```

user_saveandpost.php

```

<?php

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-
user-information-in-php/

//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}

```



```

        <a href="user_notifications.php">
        
        <div class="text">
        <h4>khaled</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Om</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>

    <div class="notifi-item">
        <a href="user_notifications.php">
        
        <div class="text">
        <h4>Mithara</h4>
        <p>@lorem ipsum dolor sit amet</p></a>
        </div>
    </div>
</div>
</div>
<div class="profileLinkHome">
    <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>
</div>
</header>
<div class="homePageContainer">
    <div class="navContainer1">
        <nav id="nav1">
            <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
            <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
            <a href="user_saveandpost_recipe.php?logout='1'"><i class="fas
fa-sign-out-alt"></i> Log Out</a>
        </nav>
    </div>

    <main>
        <div class="readRecipe">
            <h2 id="readRecipeName"> Recipe Name </h2>
            <p id="readRecipePrepTime"><i class="far fa-clock"></i>x
minutes</p>
            <ul id="readIngList">
                <li></li>
                <li></li>
            </ul>
            <p class="readRecipeInstructions">Recipe Instructions </p>
            <p>Post is visible to: </p>
            <p>Post can be shared and saved by others: </p>
            <p>Post can be edited by others: </p>

```

```

        <button id="postRecipe">Post recipe</button>
    </div>
</main>

<div class="navContainer2">
    <nav id="nav1">
        <a href="user_create_recipe.php" class="bold create"><i class="fas fa-pen"></i> CREATE A RECIPE</a>
    </nav>
</div>
</div>
</body>
</html>

```

user_saved_recipe_list.php

```

<?php

//Session code reference: https://www.geeksforgeeks.org/how-to-display-logged-in-user-information-in-php/

//Start session
session_start();
//If username is not set, head to login page
if (!isset($_SESSION['username'])) {
    header('location: ../cravings_pages/login.php');
}
//If logout button is pressed, destroy session, delete session variables, and head to login page.
if (isset($_GET['logout'])) {
    session_destroy();
    unset($_SESSION['username']);
    header('location: ../cravings_pages/login.php');
}

?>
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Saved Recipe's</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />
    <script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
    <script defer src="../scripts/saved_recipe_list.js"></script>
</head>
<body class="homePage">
    <header>
        <div class="cravingsLogo">
            <a href="user_homepage.php"></a>
        </div>
        <div class = "input-group">
            <div class="search">

```

```

        <span class = "input-group-text"></span>
        <i class="fas fa-search"></i>
        <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
    </div>
    <ul class = "list-group" id = "list"></ul>
</div>
<div class="savedRecipesLinkHome">
    <a href="user_saved_recipe_list.php"><i class="fas fa-bookmark"></i>
Saved Recipe's</a>
</div>
<div class="notificationsLinkHome">
    <div class="icon" onclick="toggleNotifi()">
        <h4><i class="fas fa-bell"></i> Notifications</h4>
    </div>
    <div class="notifi-box" id="box" style="height: 850px; width: 350px;
opacity: 1;">

        <div class="notifi-item">
            <a href="user_notifications.php">
                
                <div class="text">
                    <h4>Ayaan</h4>
                    <p>@lorem ipsum dolor sit amet</p></a>
                </div>
            </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>khaled</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Om</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>

            <div class="notifi-item">
                <a href="user_notifications.php">
                    
                    <div class="text">
                        <h4>Mithara</h4>
                        <p>@lorem ipsum dolor sit amet</p></a>
                    </div>
                </div>
        </div>
    </div>
    <div class="profileLinkHome">
        <a href="user_profile.php"><p><?php echo $_SESSION['username'] ?>
</p></a>

```



```

        </div>
    </header>
    <div class="homePageContainer">
        <div class="navContainer1">
            <nav id="nav1">
                <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
                <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
                <a href="user_saved_recipe_list.php?logout='1'"><i class="fas
fa-sign-out-alt"></i> Log Out</a>
            </nav>
        </div>

        <main>
            <h2 id="savedRec">Saved Recipe's</h2>
            <table class="savedRecipeTable">
                <tbody id="recipeTableBody">
                    <tr> <!-- table heading -->
                        <th>Recipe</th>
                        <th>Prep Time</th>
                        <th></th>
                    </tr>
                </tbody>
            </table>
        </main>

        <div class="navContainer2">
            <nav id="nav1">
                <a href="user_create_recipe.php" class="bold create"><i class="fas
fa-pen"></i> CREATE A RECIPE</a>
            </nav>
        </div>
    </div>
</body>
</html>

```

user_saved_recipes.php

```

<?php
//include 'includes/library.php';
//$pdo = connectDB();
?>

<!------- HTML PAGE----->
<!DOCTYPE html>
<html lang="en">
<head>
    <?php
    //include '/includes/metadata.php';
    ?>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <meta http-equiv="X-UA-Compatible" content="ie=edge" />
    <title>Cravings - Saved Recipe's</title>
    <link rel="stylesheet" href= "../styles/user_account.css" />

```

```

<script src="https://kit.fontawesome.com/3cc4c2d931.js"
crossorigin="anonymous"></script>
</head>
<body class="homePage">
  <header>
    <div class="cravingsLogo">
      
    </div>
    <div class = "input-group">
      <div class="search">
        <span class = "input-group-text"></span>
        <i class="fas fa-search"></i>
        <input type="text" name="searchBar" id="searchBar"
placeholder="Find your favourite tastes">
      </div>
      <ul class = "list-group" id= "list"></ul>
    </div>
    <div class="savedRecipesLinkHome">
      <a href=""><i class="fas fa-bookmark"></i> Saved Recipe's</a>
    </div>
    <div class="notificationsLinkHome">
      <a href=""><i class="fas fa-bell"></i> Notifications</a>
    </div>
    <div class="profileLinkHome">
      <a href=""><p>Your Name </p></a>
    </div>
  </header>
  <div class="homePageContainer">
    <div class="navContainer1">
      <nav id="nav1">
        <a href="user_account_settings.php"><i class="fas fa-cog"></i>
Account Settings</a>
        <a href="user_privacy_settings.php"><i class="fas fa-shield-
alt"></i> Privacy</a>
        <a href="../cravings_pages/help_and_support.php"><i class="fas
fa-question"></i> Help and Support</a>
      </nav>
    </div>

    <main>

  </main>

    <div class="navContainer2">
      <nav id="nav1">
        <a href=" ">Vegan</a>
        <a href=" ">Seafood</a>
        <a href=" ">Breakfast</a>
        <a href=" ">South Asian</a>
        <a href=" ">Spicy</a>
      </nav>
    </div>
  </div>
</body>
</html>

```

Javascripts

account_settings.js (This allows the user to edit their information) the code is well documented

```
//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    /*****
    *****/

    /*
    GLOBAL VARIABLES
    */

    /*****
    *****/

    let settingsTableDiv = document.getElementsByClassName("settingsTableDiv")
[0];

    //Edit name
    let editNameBtn = document.getElementById("editName");
    let editNameDiv = document.getElementById("editNameDiv");
    let editNameForm = document.getElementById("editNameForm");
    let newName = document.getElementById("newName");
    let newNameError = document.getElementById("newNameError");

    //Edit username
    let editUsernameBtn = document.getElementById("editUsername");
    let editUsernameDiv = document.getElementById("editUsernameDiv");
    let editUsernameForm = document.getElementById("editUsernameForm");
    let newUsername = document.getElementById("newUsername");
    let newUsernameError = document.getElementById("newUsernameError");

    //Edit email
    let editEmailBtn = document.getElementById("editEmail");
    let editEmailDiv = document.getElementById("editEmailDiv");
    let editEmailForm = document.getElementById("editEmailForm");
    let newEmail = document.getElementById("newEmail");
    let reEnterPass1 = document.getElementById("reEnterPass1");
    let newEmailError = document.getElementById("newEmailError");

    //Edit password
    let editPassBtn = document.getElementById("editPassword");
    let editPassDiv = document.getElementById("editPasswordDiv");
    let editPassForm = document.getElementById("editPasswordForm");
    let newPass = document.getElementById("newPass");
    let confirmNewPass = document.getElementById("confirmNewPass");
    let reEnterPass2 = document.getElementById("reEnterPass2");
    let newPassError = document.getElementById("newPassError");
```

```

//Edit post sharing
let editShareBtn = document.getElementById("editShare");
let editShareDiv = document.getElementById("editShareDiv");
let editShareForm = document.getElementById("editShareForm");
let yesShare = document.getElementById("shareRadio");
let noShare = document.getElementById("noShareRadio");
let shareError = document.getElementById("shareError");

//Edit post editing
let editEditBtn = document.getElementById("editEdit");
let editEditDiv = document.getElementById("editEditDiv");
let editEditForm = document.getElementById("editEditForm");
let yesEdit = document.getElementById("editRadio");
let noEdit = document.getElementById("noEditRadio");
let editError = document.getElementById("editError");

/*****
****/
/*
    EDIT NAME
*/

/*****
****/

//CLICK BUTTON TO SHOW EDIT NAME FORM
editNameBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table
    settingsTableDiv.classList.add("hidden");
    editNameDiv.classList.remove("hidden");
})

//SUBMIT EDIT NAME FORM
editNameForm.addEventListener("submit", (ev) => {

    //Regular expression to verify full name
    //Code referenced from: https://www.codexworld.com/how-to/validate-first-last-name-with-regular-expression-using-javascript/
    const nameIsValid = /^[a-zA-Z]+ [a-zA-Z]+$;/

    //Check if a name is entered
    if(newName.value.length == 0){
        newNameError.innerHTML = "<p>Please Enter Your Full Name</p>";
        ev.preventDefault();
    }
    //Check if name entered is a full name
    else if(!nameIsValid.test(newName.value)){
        newNameError.innerHTML = "<p>Please Enter Your First And Last Name</p>";
        ev.preventDefault();
    }
    //If name is entered and is valid
    else {
        //Remove error messages
        newNameError.innerHTML = "";
        //Make form disappear and account details reappear
    }
}

```

```

        settingsTableDiv.classList.remove("hidden");
        editNameDiv.classList.add("hidden");
    }
});

//RESET FORM
editNameForm.addEventListener("reset", (ev) => {
    //Show settings table, hide form
    settingsTableDiv.classList.remove("hidden");
    editNameDiv.classList.add("hidden");
});

/*****
/*
    EDIT USERNAME
*/

*****/

//CLICK BUTTON TO SHOW EDIT USERNAME FORM
editUsernameBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table
    settingsTableDiv.classList.add("hidden");
    editUsernameDiv.classList.remove("hidden");
})

//SUBMIT EDIT USERNAME FORM
editUsernameForm.addEventListener("submit", (ev) => {

    //get return value of checkUsernameExists function
    let usernameExists = checkUsernameExists();

    //Check if username is entered
    if(newUsername.value.length == 0){
        ev.preventDefault();
        newUsernameError.innerHTML = "<p>Please Choose A Username</p>";
    }
    //Check if username already exists
    else if(usernameExists == true){
        ev.preventDefault();
        newUsernameError.innerHTML = "<p>This Username is Already Taken.
</p>";

    }
    //If username is entered and is valid
    else {
        //Make form disappear and account details reappear
        settingsTableDiv.classList.remove("hidden");
        editUsernameDiv.classList.add("hidden");
        //Remove error messages
        newUsernameError.innerHTML = "";
    }
});

```

```

//RESET FORM
editUsernameForm.addEventListener("reset", (ev) => {
    //Hide form, show settings table
    settingsTableDiv.classList.remove("hidden");
    editUsernameDiv.classList.add("hidden");
});

//FUNCTION: CHECK IF THE NEW USERNAME IS ALREADY TAKEN
function checkUsernameExists(){

    let doesUsernameExist = false;
    //Create new xmlhttp request
    const xhr = new XMLHttpRequest();
    //Open request
    xhr.open("GET", `../api/get1_registerCheckUsername.php/${newUsername}`);

    //When request loads
    xhr.addEventListener("load", (ev) => {
        //If request is succesful, get response
        if (xhr.status == 200) {
            const apidata = xhr.response;
            console.log(apidata);
            //If response is true or returns an error, set return value to
true
            if(apidata == "true"){
                doesUsernameExist = true;
            }
            //Else if response is false, set return value to false
            else{
                doesUsernameExist = false;
            }
        }
        //Else if request is unsuccessful, log the error.
        else{
            console.log("Unable to load");
        }
    });
    //Send xhr
    xhr.send();
    //Return value
    return doesUsernameExist;
}

/*****/
/*
                                EDIT EMAIL
*/

/*****/

//CLICK BUTTON TO SHOW EDIT EMAIL FORM
editEmailBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table

```

```

settingsTableDiv.classList.add("hidden");
editEmailDiv.classList.remove("hidden");
})

//SUBMIT EDIT EMAIL FORM
editEmailForm.addEventListener("submit", (ev) => {

    //Regular expression to verify email
    //Code referenced from Lab 9
    const emailIsValid = (string) => /^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(string);

    //Check if email is entered
    if(newEmail.value.length == 0){
        ev.preventDefault();
        newEmailError.innerHTML = "<p>Please Enter A Valid Email</p>";
    }
    //Check if email entered is valid
    else if (!emailIsValid(newEmail.value)) {
        ev.preventDefault();
        newEmailError.innerHTML = "<p>Please Enter A Valid Email</p>";
    }
    //If email is entered and is valid
    else {
        //Make form disappear and account details reappear
        settingsTableDiv.classList.remove("hidden");
        editEmailDiv.classList.add("hidden");
        //Remove error messages
        newEmailError.innerHTML = "";
    }
});

//RESET FORM
editEmailForm.addEventListener("reset", (ev) => {
    //Hide form, show settings table
    settingsTableDiv.classList.remove("hidden");
    editEmailDiv.classList.add("hidden");
});

/*****/
/*                                EDIT PASSWORD
*/

/*****/

//CLICK BUTTON TO SHOW EDIT PASSWORD FORM
editPassBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table
    settingsTableDiv.classList.add("hidden");
    editPassDiv.classList.remove("hidden");
})

//SUBMIT EDIT PASSWORD FORM

```

```

editPassForm.addEventListener("submit", (ev) => {

    //Regular expression to verify password
    //Code referenced from:
    https://www.w3resource.com/javascript/form/password-validation.php
    const passIsValid= /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[a-zA-Z0-9])
    (?!\.*\s).{8,15}$/;

    //Check if current password is entered
    if(reEnterPass2.value.length == 0){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Please Re-enter Your Current Password
To Verify Your Identity</p>";
    }
    //Check if new password is entered
    else if(newPass.value.length == 0){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Please Enter A New Password</p>";
    }
    //Check if new password is re-entered
    else if(confirmNewPass.value.length == 0){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Please Re-confirm Your New
Password</p>";
    }
    //Check if new password is valid
    else if(!newPass.value.match(passIsValid)){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Please Follow Our Password Guidelines
Below</p>";
    }
    //Check if both new passwords match
    else if(newPass.value != confirmNewPass.value){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Your New Passwords Do Not Match</p>";
    }
    else if(newPass.value == reEnterPass2.value){
        ev.preventDefault();
        newPassError.innerHTML = "<p>Your New Password Cannot Be the Same as
Your Old Password</p>";
    }
    //If passwords are entered, are valid and they match
    else{
        //Make settings table reappear and form disappear
        settingsTableDiv.classList.remove("hidden");
        editPassDiv.classList.add("hidden");
        //Remove error messages
        newPassError.innerHTML = "";
    }
});

//RESET FORM
editPassForm.addEventListener("reset", (ev) => {
    //Hide form, show settings table
    settingsTableDiv.classList.remove("hidden");
    editPassDiv.classList.add("hidden");
});

```



```

/*****
****/
/*          CAN SHARE POSTS OR NOT
*/

/*****
****/

//CLICK BUTTON TO OPEN THE EDIT SHARE SETTINGS FORM
editShareBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table
    settingsTableDiv.classList.add("hidden");
    editShareDiv.classList.remove("hidden");
})

//SUBMIT THE EDIT SHARE SETTINGS FORM
editShareForm.addEventListener("submit", (ev)=>{

    //If neither radio buttons have been checked, show error message
    if(!(yesShare.checked) && !(noShare.checked)){
        ev.preventDefault();
        shareError.innerHTML = "<p>*Please select one option</p>"
    }
    //If one of the buttons have been checked,
    else{
        //Remove error messages
        shareError.innerHTML = "";
        //Hide form, show settings table again
        settingsTableDiv.classList.remove("hidden");
        editShareDiv.classList.add("hidden");
    }
});

//RESET FORM
editShareForm.addEventListener("reset", (ev) => {
    //Hide form, show settings table
    settingsTableDiv.classList.remove("hidden");
    editShareDiv.classList.add("hidden");
});

/*****
****/
/*          CAN EDIT POSTS OR NOT
*/

/*****
****/

//CLICK BUTTON TO SHOW THE EDIT POST EDITING SETTINGS FORM
editEditBtn.addEventListener("click", (ev) =>{
    //Prevent button default
    ev.preventDefault();
    //Show form, hide settings table
    settingsTableDiv.classList.add("hidden");

```

```

        editEditDiv.classList.remove("hidden");
    })

    //SUBMIT THE EDIT POST EDITING SETTINGS FORM
    editEditForm.addEventListener("submit", (ev)=>{

        //If neither radio buttons have been checked, show error message
        if(!(yesEdit.checked) && !(noEdit.checked)){
            editError.innerHTML = "<p>*Please select one option</p>"
            ev.preventDefault();
        }
        //If one radio button has been checked
        else{
            //Remove error message
            editError.innerHTML="";
            //Hide form, show settings table
            settingsTableDiv.classList.remove("hidden");
            editEditDiv.classList.add("hidden");
        }
    });

    //RESET FORM
    editEditForm.addEventListener("reset", (ev) => {
        //Hide form, show settings table
        settingsTableDiv.classList.remove("hidden");
        editEditDiv.classList.add("hidden");
    });

});

```

Create_recipe.js this code gives the user the ability to create recipes

```

//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    /*****
    *****/

    /*
    GLOBAL VARIABLES
    */

```

```

/*****
****/

let createRecForm = document.getElementById("createRecipeForm");
//Recipe name
let recipeName = document.getElementById("recipeName");
let recipeNameError = document.getElementById("recipeNameError");
//Prep time
let prepTime = document.getElementById("prepTime");
let prepTimeError = document.getElementById("prepTimeError");
//Directions
let directions = document.getElementById("directions");
let directionsError = document.getElementById("directionsError");
//Ingredients
let ingButton = document.getElementById("addMoreIng");
let ingDiv = document.getElementById("ingDiv");
let ingInput = document.getElementsByClassName("ingredients")[0];
let ingError = document.getElementById("inEr");

/*****
****/

/*
    CLICK ADD INGREDIENTS BUTTON
*/

/*****
****/

ingButton.addEventListener("click", (ev) => {
    //Prevent default behaviour
    ev.preventDefault();
    //Add another input field for ingredients
    ingDiv.insertAdjacentHTML("beforeend", "<div class='tag-container'><div>
<input class='ingredients' name='ingredients[]' type='text' placeholder='flour'>
</div></div>");
});

/*****
****/

/*
    DO ON FORM SUBMIT
*/

/*****
****/

createRecForm.addEventListener("submit", (ev) =>{

    //-----VALIDATE RECIPE NAME-----
    if(recipeName.value.length == 0){
        ev.preventDefault();
        recipeNameError.innerHTML = "<p>*Please Enter A Valid Recipe
Name</p>";
    }
    else{
        recipeNameError.innerHTML = "";
    }
});

```

```

    }

    //-----VALIDATE PREP TIME-----
    if(preptime.value.length == 0){
        ev.preventDefault();
        prepTimeError.innerHTML = "<p>*Please Enter A Valid Prep Time in
Minutes</p>";
    }
    else{
        prepTimeError.innerHTML = "";
    }

    //-----VALIDATE INGREDIENTS-----
    if(ingInput.value.length == 0){
        ev.preventDefault();
        ingError.innerHTML = "<p>*Please Enter Ingredients</p>";
    }
    else{
        ingError.innerHTML = "";
    }

    //-----VALIDATE DIRECTIONS-----
    if(directions.value.length == 0){
        ev.preventDefault();
        directionsError.innerHTML = "<p>*Please Enter Valid Directions</p>";
    }
    else{
        directionsError.innerHTML = "";
    }
});

});

```

Create_recipe_list.js

```

//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    let tableBody = document.getElementById("recipeTableBody");
    let userID = document.getElementById(" ");

    function fillRecipeTable(){
        //Create new xml http request
        const xhr = new XMLHttpRequest();
    }

```

```

//Open request
xhr.open("GET", `../api/get2_createdRecipeList.php/${userID}`);
//when request loads
xhr.addEventListener("load", (ev) => {
    //If xhr request succeeded
    if (xhr.status == 200) {
        //Get recipe data and parse
        const allRecipes = JSON.parse(xhr.response);
        console.log(allRecipes);
        let output = "";
        //Get output for each table row
        allRecipes.forEach(function (getRecipe) {
            output += `<tr>
                        <td>${getRecipe.recipeName}<span
class="hidden">${getRecipe.recipeId}</span></td>
                        <td>${getRecipe.prepTime}</td>
                        <td id="recipeListButtons">
                            <button class="recipeDelete"
id="delete+${i}"><i class="fas fa-trash-alt"></i></button>
                            <button class="recipeEdit"
id="delete+${i}"><i class="fas fa-edit"></i></button>
                        </td>
                        </tr>`;
        });
        //Insert output into table row
        tableBody.insertAdjacentHTML("beforeend", `${output}`);
    }
    //If xhr request didn't succeed
    else {
        //Insert HTML error message into table row
        tableBody.insertAdjacentHTML("beforeend", "<tr><td>Something
went wrong</td></tr>");
    }
});
//Send xhr request
xhr.send();
}

fillRecipeTable();

});

```

Edit_Recipe.js Allows the user to edit recipes

```

//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    /*****
    /*
    GLOBAL VARIABLES
    */

```

```

/*****
*****/

let createRecForm = document.getElementById("createRecipeForm");
//Recipe name
let recipeName = document.getElementById("recipeName");
let recipeNameError = document.getElementById("recipeNameError");
//Prep time
let prepTime = document.getElementById("prepTime");
let prepTimeError = document.getElementById("prepTimeError");
//Directions
let directions = document.getElementById("directions");
let directionsError = document.getElementById("directionsError");
//Ingredients
let ingButton = document.getElementById("addMoreIng");
let ingDiv = document.getElementById("ingDiv");
let ingInput = document.getElementsByClassName("ingredients")[0];
let ingError = document.getElementById("inEr");
//Radio
let yesShare = document.getElementById("yesShare");
let noShare = document.getElementById("noShare");
let yesEdit = document.getElementById("yesEdit");
let noEdit = document.getElementById("noEdit");

//Get id of post edited from session storage
let postId = sessionStorage.getItem("editPost");

/*****
*****/

/*
*/

/*****
*****/

loadForm();
function loadForm(){

    //Create new xml http request
    const xhr = new XMLHttpRequest();

    //Open request
    xhr.open("GET", `../api/get3_readRecipe.php/${postId}`);

    //When request loads
    xhr.addEventListener("load", (ev) => {

        //If xhr request succeeded
        if (xhr.status == 200) {

            //Get recipe data and parse
            const getRecipe = JSON.parse(xhr.response);
            console.log(getRecipe);

            //Set the value of each form input with xhr response results
            recipeName.value = `${getRecipe.recipeName}`;

```

```

        prepTime.value = `${getRecipe.prepTime}`;
        directions.value = `${getRecipe.directions}`;
        //For each ingredient add an input field and fill its value
        getRecipe.getIng.forEach(ing =>{
            ingDiv.insertAdjacentHTML("beforeend", `<div class='tag-
container'><div><input class='ingredients' name='ingredients[]' type='text'
value='${ing}'/></div></div>`);
        });
    }
    //If xhr request didn't succeed, show an error message
    else {
        createRecForm.innerHTML = "<p class='error'>Something went
wrong</p>";
        console.log("error");
    }
    });
    //Send xhr request
    xhr.send();
}

/*****
/*
    SET DEFAULT EDITING AND SHARING SETTINGS ON RADIO BUTTONS
*/

/*****
function settings() {
    function settings(){
        //Create new xml http request
        const xhr = new XMLHttpRequest();

        //Open request
        xhr.open("GET", "../api/get8_defaultShareEdit.php");

        //When request loads
        xhr.addEventListener("load", (ev) => {

            //If xhr request succeeded
            if (xhr.status == 200) {

                //Get recipe data and parse
                const getSetting = JSON.parse(xhr.response);
                console.log(getSetting);

                //Select the default post sharing setting
                if(getSetting.share == "Yes"){
                    yesShare.setAttribute("checked");
                    noShare.removeAttribute("checked");
                }
                else if(getSetting.share == "No"){
                    yesShare.removeAttribute("checked");
                    noShare.setAttribute("checked");
                }
            }
            else{
                yesShare.removeAttribute("checked");
            }
        });
    }
}

```

```

        noShare.removeAttribute("checked");
    }

    //Select the default post editing setting
    if(getSetting.edit == "Yes"){
        yesEdit.setAttribute("checked");
        noEdit.removeAttribute("checked");
    }
    else if(getSetting.edit == "No"){
        yesEdit.removeAttribute("checked");
        noEdit.setAttribute("checked");
    }
    else{
        yesEdit.removeAttribute("checked");
        noEdit.removeAttribute("checked");
    }

    }
    else{
        console.log("Something went wrong");
    }
    });
    //Send request
    xhr.send();
}

/*****
/*
CLICK 'ADD INGREDIENTS' BUTTON
*/

/*****

ingredient.addEventListener("click", (ev) => {
    //Prevent default behaviour
    ev.preventDefault();
    //Add another input field for ingredients
    ingDiv.insertAdjacentHTML("beforeend", "<div class='tag-container'><div>
<input class='ingredients' name='ingredients[]' type='text' placeholder='flour' />
</div></div>");
});

/*****
/*
DO ON FORM SUBMIT
*/

/*****
createRecForm.addEventListener("submit", (ev) =>{

    //Prevent default behaviour
    ev.preventDefault();

```



```

//Set valid to true
let valid = true;

//-----VALIDATE RECIPE NAME-----
if(recipeName.value.length == 0){
    recipeNameError.innerHTML = "<p>*Please Enter A Valid Recipe
Name</p>";
    valid = false;
}
else{
    recipeNameError.innerHTML = "";
    valid = true;
}

//-----VALIDATE PREP TIME-----
if(preptime.value.length == 0){
    prepTimeError.innerHTML = "<p>*Please Enter A Valid Prep Time in
Minutes</p>";
    valid = false;
}
else{
    prepTimeError.innerHTML = "";
    valid = true;
}

//-----VALIDATE INGREDIENTS-----
if(ingInput.value.length == 0){
    ingError.innerHTML = "<p>*Please Enter Ingredients</p>";
    valid = false;
}
else{
    ingError.innerHTML = "";
    valid = true;
}

//-----VALIDATE DIRECTIONS-----
if(directions.value.length == 0){
    valid = false;
    directionsError.innerHTML = "<p>*Please Enter Valid Directions</p>";
}
else{
    directionsError.innerHTML = "";
    valid = true;
}

//IF ALL FORM ENTRIES ARE VALID
if (valid == true){
    //Create an ID for the recipe
    let postId = Math.random()*100;

    //Post recipe form entries
    postFormData(postId);
}
});

/*****

```

```

/*                                POST FORM DATA
*/

/*****
*****/
function postFormData(postId){

    //Timestamp
    //Code referenced from: https://www.freecodecamp.org/news/javascript-
date-now-how-to-get-the-current-date-in-javascript/
    const timeElapsed = Date.now();
    const today = new Date(timeElapsed);
    let time = today.toDateString();

    //Create formdata object
    let recFormData = new FormData(document.forms.createRecForm);

    //Append post id to form data
    recFormData.append("id", `${postId}`);

    //Append post time created to form data
    recFormData.append("timeCreated", `${time}`);

    //Use POST XHR to send form data
    const xhr = new XMLHttpRequest();
    xhr.open("POST", "../api/post2_createRecipe.php");
    xhr.send(recFormData);
}

});

```

Homepage.js the script that aids in the homepage functionality

```

//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    /*****
    *****/

    /*                                GLOBAL VARIABLES
    */

    /*****
    *****/

    let main = document.getElementById("homePageMain");

```

```

let saveBtn = document.querySelectorAll(".saveBtn");
let shareBtn = document.querySelectorAll(".shareBtn");
let editBtn = document.querySelectorAll(".editBtn");

/*****
/*
                                USER SAVES A POST
*/

/*****
saveBtn.forEach( btn =>{

    btn.addEventListener("click", (ev) =>{
        //Prevent default button behaviour
        ev.preventDefault();

        //Get the recipe Id from the post
        clickedBtnId = btn.parentElement.getAttribute("id");

        //Create variable to send
        let params = `postId=${clickedBtnId}`;

        //Insert message here
        msg = btn.parentElement;

        //Use POST XHR to send id to database table
        const xhr = new XMLHttpRequest();
        xhr.open("POST", "../api/post10_savePost.php");

        //If succesful, inform the user that the post has been saved
        if (xhr.status == 200) {
            msg.insertAdjacentHTML("beforeend", "<p>Post succesfully saved.
</p>")
        }
        //If unsuccessful, inform user
        else{
            msg.insertAdjacentHTML("beforeend", "<p class='error'>Something
went wrong.</p>")
        }
        //Send request
        xhr.send(params);
    });
});

/*****
/*
                                USER SHARES A POST FROM HOMEPAGE
*/

/*****
shareBtn.forEach( btn =>{
    btn.addEventListener("click", (ev) =>{

```

```
//Prevent default button behaviour
ev.preventDefault();

//Get the recipe Id from the post
let postId = btn.parentElement.getAttribute("id");

//Call function to get the shared post using AJAX
xhrSharedPost(postId);

});
});

/*****
/*    FUNCTION: USER SHARES A POST FROM AN EXTERNAL PAGE (FROM WITHIN A POST)
*/

/*****

//Call function to get the shared post using AJAX
xhrSharedPost();

function xhrSharedPost(){
    //Create new xml http request
    const xhr = new XMLHttpRequest();

    //Get the recipe ID from session storage
    //Code referenced from: https://lage.us/Javascript-Pass-Variables-to-Another-Page.html
    let sharedPostID = sessionStorage.getItem("sharedPost");

    //Open request
    xhr.open("GET", `../api/get7_sharePost.php?id=${sharedPostID}`);

    //When request loads
    xhr.addEventListener("load", (ev) => {

        let output = "";

        //If xhr request succeeded
        if (xhr.status == 200) {

            //Get recipe data and parse
            const getRecipe = JSON.parse(xhr.response);
            console.log(getRecipe);

            //Set the output
            output = `
```

```

        
        <p>${getRecipe.username}</p>
        <p class="recipeId
hidden">${getRecipe.recipeId}</p>
        <p
class="timePosted">${getRecipe.timeCreated}</p>
    </div>

    <div class="homeUserPost2">

        <div class="recipeName">
            <a href="user_read_recipe.php"
class="recipeLink">
                <p>${getRecipe.recipeName}</p>
            </a>
        </div>

        <div class="recipeDescription">
            <p
class="description">${getRecipe.directions}</p>
            <p class="prepTime"><i class="far fa-
clock"></i>${getRecipe.prepTime}</p>
        </div>

        <div class="recipeImage">
            <a href="user_read_recipe.php"
class="recipeLink">
                
            </a>
        </div>

    </div>

    <div class="userPostOptions"
id="${getRecipe.recipeId}">
        <button class="opBtn saveBtn"><i class="fas
fa-bookmark"></i></button>
        <button class="opBtn shareBtn"><i class="fas
fa-share-alt-square"></i></button>
        <button class="opBtn editBtn"><i class="fas
fa-edit"></i></button>
    </div>
</div>`;
//Insert output into main
main.insertAdjacentHTML("afterbegin", `${output}`);

//Get the div that holds the buttons
let i = document.getElementById(`${getRecipe.recipeId}`);

//If the user has not allowed others to share posts, hide the
share button
let share = i.getElementsByClassName("shareBtn")[0];
if (getRecipe.canShare == "No"){
    share.classList.add = "hidden";
}
else {

```

```

        share.classList.remove = "hidden";
    }

    //If the user has not allowed others to edit posts, hide the
edit button

    let edit = i.getElementsByClassName("editBtn")[0];
    if (getRecipe.canEdit == "No"){
        edit.classList.add = "hidden";
    }
    else{
        edit.classList.remove = "hidden";
    }
}
//If xhr request didn't succeed, show an error message
else {
    output = "Something went wrong.";
    main.insertAdjacentHTML("afterbegin", `${output}`);
}
});
//Send xhr request
xhr.send();
}

/*****
****/
/*
USER EDITS A POST
*/

/*****
****/
editBtn.forEach( btn =>{
    btn.addEventListener("click", (ev) =>{
        //Prevent default button behaviour
        ev.preventDefault();

        //Get the recipe Id from the post
        postId = btn.parentElement.getAttribute("id");

        //Store id of shared post in session
        //Code referenced from: https://laga.us/Javascript-Pass-Variables-
to-Another-Page.html
        sessionStorage.setItem("editPost", `${postId}`);

        //Go to edit post page
        let url = window.open(`../user_pages/user_edit_post.php`, '_self');
    });

});

});
});

```

login.js This script assists in fetching data from the html and validating the information

```
//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    /*****
    /*
        GLOBAL VARIABLES
    */

    /*****

    let form = document.getElementById("loginForm");
    let username = document.getElementById("username");
    let password = document.getElementById("password");
    let usernameError = document.getElementById("usernameError");
    let passwordError = document.getElementById("passwordError");

    /*****
    /*
        DO ON FORM SUBMIT
    */

    /*****
    form.addEventListener("submit", (ev) => {

        //Prevent default form behaviour
        ev.preventDefault();

        //Set valid to true
        let valid = true;

        //-----VALIDATE USERNAME INPUT-----

        //Check if username is entered
        if(username.value.length == 0){
            valid = false;
            usernameError.innerHTML = "<p>Please Enter Your Username</p>";
        }
        //Remove error message if username is entered
        else {
            usernameError.innerHTML = "";
            valid = true;
        }

        //-----VALIDATE PASSWORD INPUT-----

        //Check if password is entered
```

```

    if(password.value.length == 0){
        valid = false;
        passwordError.innerHTML = "<p>Please Enter Your Password</p>";
    }
    //Remove error message if username is entered
    else {
        passwordError.innerHTML = "";
        valid = true;
    }

    //-----IF ALL FORM ENTRIES ARE VALID-----
    if (valid == true){

        let output = "";

        //Create new xmlhttp request
        const xhr = new XMLHttpRequest();

        //Open request
        xhr.open("GET", `../api/get9_login.php?
username=${username.value.trim()}&password=${password.value.trim()}`);

        //when request loads
        xhr.addEventListener("load", (ev) => {

            //If request is succesful
            if (xhr.status == 200) {
                console.log(xhr);
                //Get response
                let apidata = xhr.responseText;
                console.log(apidata);

                if(apidata == "password valid"){
                    let url = window.open("../user_pages/user_homepage.php",
'_self');

                    console.log("Log in successful");
                }

                else if (apidata == "password invalid"){
                    passwordError.innerHTML = "<p>Incorrect password</p>";
                }

                else if (apidata == "user does not exist"){
                    usernameError.innerHTML = "<p>Incorrect username</p>";
                }
                else{
                    console.log("Error");
                }
            }
            //Else if request is unsuccesful
            else{
                console.log("Unable to load");
            }
        });
        //Send xhr
        xhr.send();
    }

```



```
});  
  
});
```

read_recipe.js

```
//ALLOW EXPLICITLY DECLARING VARIABLES  
"use strict";  
  
//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT  
window.addEventListener("DOMContentLoaded", () => {  
  
    /*****  
    /*  
        GLOBAL VARIABLES  
    */  
  
    /*****  
    *****/  
  
    let main = document.getElementsByClassName("readMain")[0];  
    let recipeId =  
document.getElementsByClassName("readRecipeOptions").getAttribute("id");  
    let saveBtn = document.getElementsByClassName("saveBtn")[0];  
    let shareBtn = document.getElementsByClassName("shareBtn")[0];  
    let editBtn = document.getElementsByClassName("editBtn")[0];  
  
    /*****  
    *****/  
  
    /*  
        GET RECIPE INFO  
    */  
  
    /*****  
    *****/  
  
    getRecipe();  
    function getRecipe(){  
  
        //Create new xml http request  
        const xhr = new XMLHttpRequest();  
  
        //Open request  
        xhr.open("GET", `../api/get3_readRecipe.php/${recipeId}`);  
  
        let output = "";  
  
        //when request loads  
        xhr.addEventListener("load", (ev) => {  
  
            //If xhr request succeeded  
            if (xhr.status == 200) {  
  
                //Get recipe data and parse
```

```

const getRecipe = JSON.parse(xhr.getRecipe);
console.log(getRecipe);

//Set the output
output = `
```

```

        edit.classList.add = "hidden";
    }
    else{
        edit.classList.remove = "hidden";
    }
}
//If xhr request didn't succeed
else {
    console.log("Request failed");
}
});
//Send xhr request
xhr.send();
}

/*****
/*
USER SAVES THE POST
*/

/*****
saveBtn.addEventListener("click", (ev) =>{
    //Prevent default button behaviour
    ev.preventDefault();

    //Create variable to send
    let params = `postId=${recipeId}`;

    //Insert message here
    msg = target.parentElement;

    //Use POST XHR to send id to database table
    const xhr = new XMLHttpRequest();
    xhr.open("POST", "../api/post10_savePost.php");

    //If succesful, inform the user that the post has been saved
    if (xhr.status == 200) {
        msg.insertAdjacentHTML("beforeend", "<p>Post succesfully saved.
</p>")
    }
    //If unsuccessful, inform user
    else{
        msg.insertAdjacentHTML("beforeend", "<p class='error'>Something went
wrong.</p>")
    }
    //Send request
    xhr.send(params);
});

/*****
/*
USER SHARES THE POST
*/

```

```

/*****
*****/
    shareBtn.addEventListener("click", (ev) =>{
        //Prevent default button behaviour
        ev.preventDefault();

        //Store id of shared post in session
        //Code referenced from: https://lage.us/Javascript-Pass-Variables-to-
        Another-Page.html
        sessionStorage.setItem("sharedPost", `${recipeId}`);
        //Go to homepage
        let url = window.open(`../user_pages/user_homepage.php`, '_self');
    });

/*****
*****/
/*
                                USER EDITS THE POST
*/

/*****
*****/
    editBtn.addEventListener("click", (ev) =>{
        //Prevent default button behaviour
        ev.preventDefault();

        //Store id of shared post in session
        //Code referenced from: https://lage.us/Javascript-Pass-Variables-to-
        Another-Page.html
        sessionStorage.setItem("editPost", `${recipeId}`);

        //Go to edit post page
        let url = window.open(`../user_pages/user_edit_post.php`, '_self');
    });
});

```

register.js this code validates the registration details and sends the form data to xhr

```

//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

/*****
*****/
/*
                                GLOBAL VARIABLES
*/

```

```

/*****
****/

let regForm = document.getElementById("registrationForm");
let name = document.getElementById("name");
let nameError = document.getElementById("nameError");
let email = document.getElementById("email");
let emailError = document.getElementById("emailError");
let username = document.getElementById("username");
let usernameError = document.getElementById("usernameError");
let pass1 = document.getElementById("pass1");
let pass2 = document.getElementById("pass2");
let passError = document.getElementById("passError");

/*****
****/

/*                                DO ON FORM SUBMIT
*/

/*****
****/

regForm.addEventListener("submit", (ev) => {

    //Prevent default form behaviour
    ev.preventDefault();

    //Set valid to true
    let valid = true;

    //-----VALIDATE NAME INPUT-----

    //Regular expression to verify full name
    //Code referenced from: https://www.codexworld.com/how-to/validate-first-last-name-with-regular-expression-using-javascript/
    const nameIsValid = /^[a-zA-Z]+ [a-zA-Z]+$/;

    //Check if a name is entered
    if(name.value.length == 0){
        valid = false;
        nameError.innerHTML = "<p>Please Enter Your Full Name</p>";
    }
    //Check if name entered is a full name
    else if(!nameIsValid.test(name.value)){
        valid = false;
        nameError.innerHTML = "<p>Please Enter Your Full Name</p>";
    }
    //Remove error message if name is entered and is valid
    else if (name.value.length != 0 && nameIsValid.test(name.value)){
        nameError.innerHTML = "";
        valid = true;
    }

    //-----VALIDATE EMAIL INPUT-----

    //Regular expression to verify email

```

```

//Code referenced from Lab 9
const emailIsValid = (string) => /^[^\s@]+@[^\s@]+\.[^\s@]+$/.test(string);

//Check if email is entered
if(email.value.length == 0){
    valid = false;
    emailError.innerHTML = "<p>Please Enter A Valid Email</p>";
}
//Check if email entered is valid
else if (!emailIsValid(email.value)) {
    valid = false;
    emailError.innerHTML = "<p>Please Enter A Valid Email</p>";
}
//Remove error message if email is entered and is valid
else if (email.value.length != 0 && emailIsValid(email.value)){
    emailError.innerHTML = "";
    valid = true;
}

//-----VALIDATE USERNAME INPUT-----

//get return value of checkUsernameExists function
let usernameExists = checkUsernameExists();

//Check if username is entered
if(username.value.length == 0){
    valid = false;
    usernameError.innerHTML = "<p>Please Choose A Username</p>";
}
//Check if username already exists
else if(usernameExists == true){
    valid = false;
    usernameError.innerHTML = "<p>This Username is Already Taken.</p>";
}
//Remove error message if username is entered and is valid
else if(username.value.length != 0 && usernameExists == false){
    usernameError.innerHTML = "";
    valid = true;
}

//-----VALIDATE PASSWORDS INPUT-----

//Regular expression to verify password
//Code referenced from:
https://www.w3resource.com/javascript/form/password-validation.php
const passIsValid= /^(?=.*\d)(?=.*[a-z])(?=.*[A-Z])(?=.*[!a-zA-Z0-9])
(?!.*\s).{8,15}$/;

//Check if password is entered
if(pass1.value.length == 0 || pass2.value.length == 0){
    valid = false;
    passError.innerHTML = "<p>Please Enter A New Password</p>";
}
//Check if password is valid
else if(!pass1.value.match(passIsValid)){
    valid = false;

```

```

        passError.innerHTML = "<p>Please Follow Our Password
Guidelines</p>";
    }
    //Check if both passwords match
    else if(pass1.value != pass2.value){
        valid = false;
        passError.innerHTML = "<p>Your Passwords Do Not Match</p>";
    }
    //Remove error message if passwords are entered, are valid and they
match
    else{
        passError.innerHTML = "";
        valid = true;
    }

    //-----IF ALL FORM ENTRIES ARE VALID-----
    if (valid == true){

        //Give user an unique ID
        let ranNum = Math.random();
        let userId = `user + ${ranNum}`

        //Post form data
        postFormData(userId);
    }
});

/*****
****/
/*
    FUNCTIONS
*/

/*****
****/

// CHECK IF USERNAME EXISTS
function checkUsernameExists(){

    let doesUsernameExist = false;

    //Create new xmlhttp request
    const xhr = new XMLHttpRequest();
    //Open request
    xhr.open("GET", `../api/get1_registerCheckUsername.php?
username=${username.value}`);

    //when request loads
    xhr.addEventListener("load", (ev) => {
        //If request is succesful
        if (xhr.status == 200) {
            //Get response
            const apidata = xhr.response;
            console.log(apidata);

            //If response is true or returns an error, set return value to
true

```

```

        if(apidata == "true"){
            doesUsernameExist = true;
        }
        //Else if response is false, set return value to false
        else{
            doesUsernameExist = false;
        }
    }
    //Else if request is unsuccessful
    else{
        console.log("Unable to load");
    }
});

//Send xhr
xhr.send();

//Return value
return doesUsernameExist;
}

// POST FORM DATA AND REGISTER
function postFormData(){
    //Create form data object
    let formdata = new FormData();

    formdata.append("name", name.value);
    formdata.append("email", email.value);
    formdata.append("username", username.value);
    formdata.append("password", pass1.value);

    console.log(formdata);

    //Create new xhr
    const xhr = new XMLHttpRequest();
    //Open xhr
    xhr.open("POST", "../api/post1_register.php");

    //When request loads
    xhr.addEventListener("load", (ev) => {
        //If request is succesful
        if (xhr.status == 200) {
            let url = window.open("../cravings_pages/login.php.php",
'_self');
        }
        //Else if request is unsuccessful
        else{
            console.log("Unable to load");
        }
    });
    //Send form data to xhr
    xhr.send(formdata);
}

});

```


saved_recipe_list.js

```
//ALLOW EXPLICITLY DECLARING VARIABLES
"use strict";

//ENSURE HTML IS FULLY PARSED BEFORE EXECUTING JAVASCRIPT
window.addEventListener("DOMContentLoaded", () => {

    let tableBody = document.getElementById("recipeTableBody");
    let userID = document.getElementById(" ");

    function fillRecipeTable(){
        //Create new xml http request
        const xhr = new XMLHttpRequest();
        //Open request
        xhr.open("GET", `../api/get5_savedRecipeList.php/${userID}`);
        //when request loads
        xhr.addEventListener("load", (ev) => {
            //If xhr request succeeded
            if (xhr.status == 200) {
                //Get recipe data and parse
                const allRecipes = JSON.parse(xhr.response);
                console.log(allRecipes);
                let output = "";
                //Get output for each table row
                allRecipes.forEach(function (getRecipe) {
                    output += `<tr>
                                <td>${getRecipe.recipeName}<span
class="hidden">${getRecipe.recipeId}</span></td>
                                <td>${getRecipe.prepTime}</td>
                                <td id="recipeListButtons">
                                    <button class="recipeDelete"
id="delete+${i}><i class="fas fa-trash-alt"></i></button>
                                    <button class="recipeEdit"
id="delete+${i}><i class="fas fa-edit"></i></button>
                                </td>
                                </tr>`;
                });
                //Insert output into table row
                tableBody.insertAdjacentHTML("beforeend", `${output}`);
            }
            //If xhr request didn't succeed
            else {
                //Insert HTML error message into table row
                tableBody.insertAdjacentHTML("beforeend", "<tr><td>Something
went wrong</td></tr>");
            }
        });
        //Send xhr request
        xhr.send();
    }
}
```

```
fillRecipeTable();

});
```

SearchBar.js this script fetches the saved recipes and displays them in an organized manner on the searchBar based on relevancy

```
let list = document.getElementById('list');

function setList(group) { //all the recipe will be passed to group(This appends
recipe to list)
  clearList();
  for(let recp of group){
    let item = document.createElement('li');
    item.classList.add('list-group-item');
    let text = document.createTextNode(recp.Recipe);
    item.appendChild(text);
    list.appendChild(item);
  }
  if(group.length === 0) { //if no results found
    setNoResults();
  }

function clearList(){ //This will remove all list items from inside list
  while(list.firstChild) //we make sure we have no duplication
    list.removeChild(list.firstChild);
}

function getRelevancy(value, searchTerm) { //This will compare the two and
return number based on relevancy
  if(value === searchTerm) //If the match is exact we want
maximum relevancy
  {
    return 420; //We want this number to be the highest because input is
equal to search term
  }
  else if (value.startsWith(term)) { //we decrease relevancy as input matches
less and less
    return 69;

  } else
    return 0;
}

function setNoResults() {
  let item = document.createElement('li');
  item.classList.add('list-group-item');
  let text = document.createTextNode('Not found');
  item.appendChild(text);
  list.appendChild(item);
}

let searchInput = document.getElementById('searchBar');
```

```

searchInput.addEventListener('input'), (event) => {
  let value = event.target.value;
  if(value && value.trim().length > 0){
    value = value.trim().toLowerCase();
    setList(Recipes.filter(recp => {
      return recp.Recipe.includes(value); //This is case sensitive hence we
lower case everything

    }).sort((recpA, recpB) =>{ //We return the score of recpB - recpA
      return getRelevancy(recpB.Recipe, value) - getRelevancy(recpA.Recipe,
value)
    }));
  }
  else
  {
    clearList();
  }
}

```

This is the main stylesheet that designs the whole website

CSS

```

/*****
Description:
This style sheet contains the styles for
- User Home Page
- User Profile Page

*****/

/*-----
|                                     IMPORT STYLES
|-----*/
@import url("https://fonts.googleapis.com/css2?
family=Poppins&family=Source+Sans+Pro&display=swap");
@import url("https://fonts.googleapis.com/icon?family=Material+Icons");

/*-----
|                                     COMMON STYLES
|-----*/
body {
  font-family: Poppins;
  font-size: 1em;
  color: rgb(21, 149, 81);
  background-color: rgb(233, 233, 233);
  margin: 0;
  padding: 0;
}
a {
  text-decoration: none;
}
button {

```

```

        outline: none;
        font-family: poppins;
    }
    fieldset {
        border: none;
    }
    legend {
        font-weight: 600;
    }
    .greenHeading {
        color: rgb(21, 149, 81);
    }
    .homePageContainer {
        display: grid;
        grid-template-columns: 0.5fr 5fr 1fr;
        justify-items: center;
        align-items: flex-start;
        margin: 0;
        padding: 0;
        bottom: 0;
        height: 40em;
    }

    main {
        padding: 2em;
        padding-top: 4em;
        margin-top: 5em;
    }

    /**HEADER STYLES**/
    header {
        width: 100%;
        height: 5em;
        background-color: white;
        display: grid;
        grid-template-columns: 0.5fr 1fr 0.5fr 0.5fr 0.5fr;
        justify-items: center;
        align-items: center;
        box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.2);
        padding: 1em;
        position: absolute;
    }
    .search {
        background-color: rgb(217, 218, 216);
        color: white;
        border-radius: 0.5em;
        padding: 0.5em;
    }
    #searchBar {
        font-family: Poppins;
        background-color: rgb(217, 218, 216);
        color: rgb(42, 44, 44);
        font-size: 1em;
        width: 20em;
        border: none;
        outline: none;
    }

```

```

.savedRecipesLinkHome a,
.profileLinkHome a,
.notificationsLinkHome a {
    color: rgb(21, 149, 81);
    font-weight: 700;
}

.savedRecipesLinkHome a:hover,
.notificationsLinkHome a:hover {
    color: rgb(25, 233, 122);
}

.profileLinkHome a {
    display: grid;
    grid-template-columns: 2fr 1fr;
    align-items: center;
    justify-items: center;
    color: white;
}

.profileLinkHome {
    background-color: rgb(21, 149, 81);
    padding: 0.1em;
    padding-left: 0.8em;
    padding-right: 0.8em;
    border-radius: 0.8em;
}

.profileLinkHome:hover {
    background-color: rgb(25, 233, 122);
}

.profileLinkHome img {
    height: 2em;
    width: 2em;
}

/**SIDE NAVIGATION STYLES**/
nav {
    display: grid;
    margin: 0;
    background-color: rgba(0, 0, 0, 0);
    margin-top: 15em;
}

nav a {
    color: rgb(21, 149, 81);
    text-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.2);
    padding: 1em;
}

nav a:hover {
    background-color: rgb(217, 218, 216);
}

.navContainer1,
.navContainer2 {
    background-color: white;
    width: 12em;
    height: 100%;
    margin: 0;
}

.navContainer1 {

```

```

        font-size: 0.8em;
    }
    .navContainer2 {
        background-color: #a7cb79;
    }
    .navContainer2 nav a {
        color: white;
    }
    .navContainer2 nav a:hover {
        color: #f08700;
        background-color: #a7cb79;
    }
    .crvLogo {
        height: 5em;
    }
    .create {
        font-size: 2em;
        text-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
    }

    /*-----
    |                                     HOME PAGE
    |-----*/

    /***MAIN STYLES***/
    .homeUserPost {
        background-color: white;
        box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
        border-radius: 0.8em;
        width: 40em;
        height: 18em;
        display: grid;
        grid-template-rows: 0.75fr 5fr;
        align-items: center;
        padding: 2em;
        padding-top: 0.5em;
        margin-bottom: 2em;
    }
    .homeUserPost2 {
        display: grid;
        grid-template-columns: 0.5fr 1.2fr 0.5fr;
        justify-items: center;
        align-items: center;
    }
    .homePostUsername {
        font-weight: 700;
        display: grid;
        grid-template-columns: 0.3fr 4fr 0.5fr;
        align-items: center;
    }
    .recipeName {
        color: rgb(21, 149, 81);
        font-size: 1.5em;
        font-weight: bold;
        padding: 0.5em;
        border-right: 0.125em solid rgb(21, 149, 81);
    }

```

```

.imageOfRecipe {
    border-radius: 0.5em;
    height: 10em;
    width: 10em;
}

.recipeDescription {
    padding: 0.8em;
}

.description {
    font-weight: 600;
}

.prepTime,
.timePosted {
    color: rgb(92, 95, 95);
    font-weight: 300;
    font-size: 0.8em;
}

.recipeLink {
    color: rgb(42, 44, 44);
}

.postProfilePic {
    height: 2em;
    width: 2em;
}

.userPostOptions {
    display: flex;
    flex-direction: row;
    justify-content: flex-end;
}

.opBtn {
    background: none;
    border: none;
    color: rgb(21, 149, 81);
    font-size: 1.5em;
    margin-left: 1.5em;
    margin-top: 1em;
}

.opBtn:hover {
    color: rgb(25, 233, 122);
}

.opBtn:active {
    color: #f08700;
}

/*-----*/
|                                     READ RECIPE PAGE                                     |
/*-----*/

.readRecipe {
    width: 50em;
    height: 100%;
    display: flex;
    flex-direction: column;
    justify-items: flex-start;
}

```

```

        background-color: rgb(255, 255, 255);
        box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
        border-radius: 0.8em;
        padding: 2em;
    }
    .readRecipeName,
    #savedRec {
        color: rgb(21, 149, 81);
    }
    .savedRecipeTable {
        background-color: white;
        box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
        border-radius: 0.8em;
        width: 20em;
        padding: 2em;
    }

    .ingredientsTable td,
    .savedRecipeTable td {
        border: 0.2em solid rgb(233, 233, 233);
        background-color: rgb(233, 233, 233);
        border-radius: 0.3em;
    }

    .readRecipePrepTime,
    .readRecipeBy {
        color: rgb(92, 95, 95);
    }

    .readRecipeOptions {
        text-align: right;
    }
    .readRecipeOptions button {
        color: rgb(21, 149, 81);
        font-size: 1.5em;
        margin: 0.5em;
        border: none;
        background: none;
    }

    .readRecipeInstructions {
        color: rgb(42, 44, 44);
    }

    /*-----
    |                               SAVED RECIPE'S PAGE                               |
    |-----*/
    .savedRecipeTable {
        width: 50em;
    }
    .savedRecipeTable td {
        padding: 1em;
    }
    .savedRecipeTable td {
        border: 5px solid white;
    }
    .recipeDelete,
    .recipeEdit {

```



```

        color: rgb(21, 149, 81);
        background: none;
        border: none;
        font-size: 1.5em;
        text-align: center;
    }
    .recipeDelete:hover,
    .recipeEdit:hover {
        color: rgb(25, 233, 122);
    }
    .recipeDelete:active,
    .recipeEdit:active {
        color: #f08700;
    }
    #recipeListButtons {
        background-color: rgb(255, 255, 255);
    }
    /*-----
    |                                     CREATE A RECIPE PAGE
    |-----*/

    #createRecipeForm {
        background-color: white;
        box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
        border-radius: 0.8em;
        width: 50em;
        padding: 2em;
        padding-top: 1em;
    }

    #recipeName,
    #prepTime,
    .ingredients,
    #directions {
        font-size: 0.8em;
        font-family: poppins;
        padding: 0.5em;
        border: none;
        border-radius: 0.3em;
        margin: 0.8em;
        margin-left: 0;
        margin-bottom: 2em;
        background-color: rgb(206, 204, 204);
    }

    #prepTime {
        width: 5em;
    }

    .ingredients {
        width: 30em;
        margin-left: 0;
        margin-bottom: 1em;
    }

    #recipeName {
        width: 40em;
    }

```

```

#directions {
  width: 100%;
  height: 10em;
}

#recipeSubmit,
#addMoreIng {
  text-decoration: none;
  font-family: poppins;
  font-size: 1em;
  color: rgb(255, 255, 255);
  background-color: rgb(21, 149, 81);
  padding: 0.3em;
  width: 10em;
  border: none;
  border-radius: 0.3em;
  box-shadow: -0.125em 0.313em 0.438em 0.188em rgba(0, 0, 0, 0.2);
}

#addMoreIng {
  background-color: #f08700;
  font-size: 0.7em;
  margin-bottom: 2em;
  width: 15em;
}

#ingRemove {
  border: none;
  border-radius: 0.3em;
  font-family: poppins;
  font-size: 0.5em;
  background-color: rgb(105, 105, 105);
  color: rgb(255, 255, 255);
}

.createRecipeFieldset {
  margin-bottom: 2em;
  margin-top: 1em;
  color: rgb(42, 44, 44);
}

.createRecipeFieldset input[type="radio"] {
  height: 2em;
  width: 2em;
}

/*-----
|                                     SAVE AND POST RECIPE PAGE
|-----*/

#postRecipe {
  text-decoration: none;
  font-family: poppins;
  font-size: 1em;
  color: rgb(255, 255, 255);
  background-color: rgb(21, 149, 81);
  padding: 0.3em;
  width: 10em;
  border: none;
  border-radius: 0.3em;
  box-shadow: -0.125em 0.313em 0.438em 0.188em rgba(0, 0, 0, 0.2);
}

```

```

}

#postRecipe:hover {
    background-color: rgb(25, 233, 122);
}

/*-----
|                                     ACCOUNT SETTINGS                                     |
|-----*/
.settingsDiv {
    width: 50em;
    height: 100%;
    display: flex;
    flex-direction: column;
    justify-items: flex-start;
    background-color: rgb(255, 255, 255);
    box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
    border-radius: 0.8em;
    padding: 2em;
}
#settingsTable {
    width: 100%;
}
#settingsTable td {
    border: 0.2em solid rgb(233, 233, 233);
    background-color: rgb(233, 233, 233);
    border-radius: 0.3em;
    padding: 0.5em;
}
.settd1 {
    width: 8em;
    background-color: rgb(105, 105, 105);
    font-weight: 600;
}

.settd2 {
    width: 5em;
}

.edit {
    border: none;
    background-color: rgb(21, 149, 81);
    border-radius: 0.2em;
    font-size: 1em;
    color: rgb(255, 255, 255);
    width: 4em;
}

.edit:hover {
    background-color: rgb(25, 233, 122);
}

.edit:active {
    background-color: #f08700;
}

#newUsername,
#reEnterPass1,

```

```

#newEmail,
#reEnterPass2,
#newPass,
#confirmNewPass,
#newName {
    display: block;
    border: none;
    border-radius: 0.2em;
    font-size: 1em;
    padding: 0.3em;
    font-family: poppins;
    margin-bottom: 0.8em;
    background-color: rgb(221, 221, 221);
    outline: none;
}
.settingsSubmit,
.cancelBtn {
    display: block;
    background-color: rgb(21, 149, 81);
    color: rgb(255, 255, 255);
    font-size: 1em;
    width: 5em;
    border: none;
    border-radius: 0.2em;
    outline: none;
    font-family: Poppins;
    margin-top: 1em;
}

.cancelBtn {
    background-color: rgb(92, 95, 95);
}
.settingsSubmit:hover {
    background-color: rgb(25, 233, 122);
}
.settingsSubmit:active,
.cancelBtn:active {
    background-color: #f08700;
}

.settingsDiv input[type="radio"] {
    height: 1em;
    width: 1em;
}

/*-----
|                                     USER PROFILE                                     */
|-----*/
#userProfileDiv {
    width: 55em;
    height: 100%;
    display: flex;
    flex-direction: column;
    justify-items: flex-start;
    background-color: rgb(255, 255, 255);
    box-shadow: -0.1em 0.2em 0.4em 0.1em rgba(0, 0, 0, 0.1);
    border-radius: 0.8em;
    padding: 2em;

```

```

}

.profileBtns {
    border: none;
    background-color: rgb(21, 149, 81);
    border-radius: 0.2em;
    font-size: 1em;
    color: rgb(255, 255, 255);
    width: 8em;
    padding: 0.2em;
    margin-bottom: 3em;
}

.profileBtns:hover {
    background-color: rgb(25, 233, 122);
}

.profileBtns:active {
    background-color: #f08700;
}

.profileLinkHome {
    left: inherit;
}

/*-----
|                                     OTHER CLASSES
|-----*/

.hidden {
    display: none;
}

.error {
    color: rgb(255, 0, 0);
    font-size: 0.5em;
}

.bold {
    font-weight: 700;
}

/*-----
|                                     Notifications css
|-----*/

.icon {
    cursor: pointer;
    margin-right: 50px;
    line-height: 60px;
}

.icon span {
    background: #f00;
    padding: 7px;
    border-radius: 50%;
    color: #fff;
    vertical-align: top;
    margin-left: -25px;
}

```

```
.icon img {
  display: inline-block;
  width: 40px;
  margin-top: 20px;
}
.icon:hover {
  opacity: 0.7;
}

.logo {
  flex: 1;
  margin-left: 50px;
  color: #eee;
  font-size: 20px;
  font-family: monospace;
}

.notifi-box {
  width: 650px;
  height: 850px;
  position: absolute;
  top: 110px;
  left: 2050px;
  transition: 1s opacity, 250ms height;
  box-shadow: 0 8px 8px 0 rgba(0, 0, 0, 0.2), 0 6px 20px 0 rgba(0, 0, 0, 0.19);
  background: white;
}
.notifi-box h2 {
  font-size: 14px;
  padding: 10px;
  border-bottom: 1px solid #eee;
  color: #999;
}
.notifi-box h2 span {
  color: #f00;
}
.notifi-item {
  display: flex;
  border-bottom: 1px solid #eee;
  padding: 15px 5px;
  margin-bottom: 5px;
  cursor: pointer;
}
.notifi-item:hover {
  background-color: #eee;
}
.notifi-item img {
  display: block;
  width: 90px;
  margin-right: 40px;
  border-radius: 50%;
}
.notifi-item .text h4 {
  color: #777;
  font-size: 20px;
  margin-top: 10px;
}
```

```

.notifi-item .text p {
    color: #aaa;
    font-size: 20px;
}

/*****
****/
/*
    Keyword tags
*/
/*****
****/

.tag-container {
    border-radius: 3px;
    background: #fff;
    display: flex;
    flex-wrap: wrap;
    align-content: flex-start;
    padding: 6px;
}

.tag-container .tag {
    height: 30px;
    margin: 5px;
    padding: 5px 6px;
    border: 1px solid #ccc;
    border-radius: 3px;
    background: #eee;
    display: flex;
    align-items: center;
    color: #333;
    box-shadow: 0 0 4px rgba(0, 0, 0, 0.2), inset 0 1px 1px #fff;
    cursor: default;
}

.tag i {
    font-size: 16px;
    color: #666;
    margin-left: 5px;
}

.tag-container input {
    padding: 5px;
    font-size: 16px;
    border: 0;
    outline: none;
    font-family: "Rubik";
    color: #333;
    flex: 1;
}

/*****
****/
/*
    Star Rating
*/
/*****
****/

.reviews .overall_rating .num {
    font-size: 30px;
    font-weight: bold;
    color: #f5a624;
}

```

```
.reviews .overall_rating .stars {
    letter-spacing: 3px;
    font-size: 32px;
    color: #f5a624;
    padding: 0 5px 0 10px;
}
.reviews .overall_rating .total {
    color: #777777;
    font-size: 14px;
}
.reviews .write_review_btn,
.reviews .write_review button {
    display: inline-block;
    background-color: #565656;
    color: #fff;
    text-decoration: none;
    margin: 10px 0 0 0;
    padding: 5px 10px;
    border-radius: 5px;
    font-size: 14px;
    font-weight: 600;
    border: 0;
}
.reviews .write_review_btn:hover,
.reviews .write_review button:hover {
    background-color: #636363;
}
.reviews .write_review {
    display: none;
    padding: 20px 0 10px 0;
}
.reviews .write_review textarea {
    width: 100%;
    padding: 10px;
    border: 1px solid #ddd;
    border-radius: 5px;
    height: 150px;
    margin-top: 10px;
}
.reviews .write_review input {
    display: block;
    width: 250px;
    padding: 10px;
    border: 1px solid #ddd;
    border-radius: 5px;
    margin-top: 10px;
}
.reviews .write_review button {
    cursor: pointer;
}
.reviews .review {
    padding: 20px 0;
    border-bottom: 1px solid #eee;
}
.reviews .review .name {
    padding: 0 0 3px 0;
    margin: 0;
    font-size: 18px;
```



```

        color: #555555;
    }
    .reviews .review .rating {
        letter-spacing: 2px;
        font-size: 22px;
        color: #f5a624;
    }
    .reviews .review .date {
        color: #777777;
        font-size: 14px;
    }
    .reviews .review .content {
        padding: 5px 0;
    }
    .reviews .review:last-child {
        border-bottom: 0;
    }
}

```

API

Get1_register_checkusername.php Checks if username already exists on registration and allows for username updating in edit account settings

```

<?php

/*****
****/
/*      CHECK IF USERNAME ALREADY EXISTS ON REGISTRATION AND UPDATING USERNAME
*/
/*      This page receives XHR from:
*/
/*      "../scripts/register.js"
*/
/*      "../scripts/account_settings.js"
*/
/*****
****/
//Start session
session_start();

//HEADERS
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

//SET UP DATABASE CONNECTION
include "../includes/db_conn.php";
$dbpdo = connectDB();

//GET USERNAME FROM GET ARRAY
$username = $_GET['username'] ?? "";

//QUERY FOR A RECORD THAT MATCHES THE GIVEN USERNAME
$stmt = $dbpdo->prepare("SELECT * FROM `cois3420_cravings_users` WHERE
username = ?");
$stmt->execute([$username]);

```

```

//IF THERE ARE RECORDS: RETURN TRUE
if ($statement->fetch()) {
    echo 'true';
} //IF THERE ARE NO RECORDS: RETURN FALSE
} else {
    echo 'false';
}

exit();

?>

```

get2_created_recipeList.php

```

<?php

/*****
***
/*          GET SPECIFIC RECIPE FOR USER TO SHOW ON
/*          - Created Recipe List
/*          This page receives XHR from: "../scripts/created_recipe_list.js"

*****
***/

//SET UP DATABASE CONNECTION
include "../includes/db_conn.php";
$pdo = connectDB();

//HEADERS
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

$userID = $_GET['userID'] ?? null;

//PDO QUERY
$statement = $pdo->prepare("SELECT `recipe ID`,`recipe name`,`prep time` FROM
`cois3420_cravings_recipes` WHERE `user ID` = ?");
$statement->execute([$userID]);

//Array for a single recipe
$getRecipe = array();
//Array for all recipes
$getAllRecipes = array();

//ADD QUERY RESULTS INTO ARRAYS
foreach($stmt as $row){
    $getRecipe['recipeId'] = $row['recipe ID'];
    $getRecipe['recipeName'] = $row['recipe name'];
    $getRecipe['prepTime'] = $row['prep time'];
}

```

```

    $getAllRecipes[] = $getRecipe;
}

//ENCODE ARRAY TO JSON
echo json_encode($getAllRecipes, JSON_PRETTY_PRINT);

?>

```

get3_read_recipe.php

```

<?php
/*****
*****/
/*
                                GET SPECIFIC RECIPE TO BE DISPLAYED

/*
    This page receives XHR from: "../scripts/read_recipe.js"
    */
/*
                                "../scripts/edit_recipe.js"
    */
/*****
*****/

//Start session
session_start();

//Connect database
include "../includes/db_conn.php";
$pdo = connectDB();

//Headers
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

//Get recipe ID from GET array
$recipeId = $_GET['recipeId'] ?? null;

//Query recipe database for recipe using recipe ID
$stmt = $pdo->prepare("SELECT * FROM `cois3420_cravings_recipes` WHERE
`recipe ID` = ?");
$stmt->execute([$recipeID]);

//Insert query results into array
$getRecipe = array();
foreach($statement as $row){
    $getRecipe['recipeId'] = $row['recipe ID'];
    $getRecipe['username'] = $row['username'];
    $getRecipe['recipeName'] = $row['recipe name'];
    $getRecipe['prepTime'] = $row['prep time'];
    $ingID = $row['ingredients'];
    $getRecipe['directions'] = $row['directions'];
    $getRecipe['canShare'] = $row['can share'];
    $getRecipe['canEdit'] = $row['canEdit'];
    $getRecipe['timeCreated'] = $row['time created'];
}

//Query ingredients database table for ingredients using the ID for ingredients

```

```

$stmt = $pdo->prepare("SELECT * FROM `cois3420_cravings_ingredients` WHERE `ing
ID` = ?");
$stmt->execute([$ingID]);

//Insert all ingredients into an array
$getIng = array();
$i = 0;
foreach($stmt as $row){
    $i = $i + 1;
    $getIng[] = $row[$i];
}

$getRecipe[] = $getIng;

//Encode array to JSON
echo json_encode($getRecipe, JSON_PRETTY_PRINT);
?>

```

get_saved_recipe.php Gets recipes that the user saved

```

<?php

/*****
**
*/
/*          GET SPECIFIC RECIPE FOR USER TO SHOW ON
/*          - Saved Recipe List
/*          This page receives XHR from: "../scripts/saved_recipe_list.js"
*****/

//SET UP DATABASE CONNECTION
include "../incudes/db_conn.php";
$pdo = connectDB();

//HEADERS
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

//GET USER ID FROM GET ARRAY
$userID = $_GET['userID'] ?? null;

//QUERY THE SAVED RECIPE ID'S FROM THE USER'S DATABASE TABLE USING THE USER ID
$stmtment = $pdo->prepare("SELECT `saved recipe ID's` FROM
`cois3420_cravings_users` WHERE `userID` = ?");
$stmtment->execute([$userID]);

//PUT QUERY RESULTS INTO A STRING
foreach($stmt as $row){
    $recipeIDs = $row['saved recipe ID's'];
}

//TURN STRING INTO ARRAY : Contains all ID's of the recipes saved
$savedRecIDs = explode("", $recipeIDs);

```

```

//Array for details of a single recipe
$getRecipe = array();

//Array to store all the recipes and their details
$getAllRecipes = array();

//FOR EACH RECIPE ID RETURNED
foreach($savedRecIDs as $i):

    //Query the recipe details from the Recipe table
    $statement = $pdo->prepare("SELECT `username`,`recipe name`,`prep time`
FROM `cois3420_cravings_recipes` WHERE `recipe ID` = ?");
    $statement->execute([$i]);

    //Put query results into arrays
    foreach($stmt as $row) {
        $getRecipe['recipeId'] = $row['recipe ID'];
        $getRecipe['recipeName'] = $row['recipe name'];
        $getRecipe['prepTime'] = $row['prep time'];

        $getAllRecipes[] = $getRecipe;
    }

endforeach;

//ENCODE ARRAY TO JSON
echo json_encode($getAllRecipes, JSON_PRETTY_PRINT);

?>

```

sharepost.php allows for the display of a user's recipes on the homepage

```

<?php

/*****
**
**          SHARING A POST ON HOMEPAGE
**
**      This page receives XHR from: "../scripts/homepage.js
**
*****/

//Start session
session_start();

//Connect database
include "../incudes/db_conn.php";
$pdo = connectDB();

//Headers
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

```

```

//If session variable username is set, get it. Else, return an error.
if (!isset($_SESSION['username'])) {
    $sharedByUsername = $_SESSION['username'];
}
else{
    echo "error";
}

//Get variables from get array
$postId = $_GET['id'] ?? NULL;

//Query the database for the recipe
$stmt = $pdo->prepare("SELECT * FROM `cois3420_cravings_recipes` WHERE
`recipe ID` = ?");
$stmt->execute([$postId]);

//Insert query results into array
$getRecipe = array();
foreach($stmt as $row){
    $getRecipe['recipeId'] = $row['recipe ID'];
    $getRecipe['username'] = $row['username'];
    $getRecipe['recipeName'] = $row['recipe name'];
    $getRecipe['prepTime'] = $row['prep time'];
    $getRecipe['ingredients'] = $row['ingredients'];
    //for the homepage, we only get a snippet of the description
    $getRecipe['directions'] = substr($row['directions'], 60);
    $getRecipe['canShare'] = $row['can share'];
    $getRecipe['canEdit'] = $row['canEdit'];
    $getRecipe['timeCreated'] = $row['time created'];
}

//Add the username of the person who shared the post, into the array
$getRecipe['sharedBy'] = $sharedByUsername;

//ENCODE ARRAY TO JSON
echo json_encode($getRecipe, JSON_PRETTY_PRINT);

var_dump($getRecipe);

?>

```

get_defaultshare_edit.php

```

?php

/*****
****
*/
/*          GETTING THE DEFAULT POST SHARING AND EDITING SETTINGS
*/
/*          This page receives XHR from: "../scripts/create_recipe.js
*/
/*****
****/

```

```

//Start session
session_start();

//Connect database
include "../incudes/db_conn.php";
$dbpdo = connectDB();

//Headers
header('Access-Control-Allow-Origin: *');
header("Content-Type:application/json");

//Get session variable username if set
if (!isset($_SESSION['username'])) {
    $username = $_SESSION['username'];
}
//If unset, return error
else{
    echo "error";
}

//Query the default post sharing and editing settings from users database table
using the username
$stmt = $pdo->prepare("SELECT `can share posts`, `can edit posts` FROM
`cois3420_cravings_users` WHERE username = ?");
$stmt->execute([$username]);

//Enter query results into array
$getSetting = array();
foreach($stmt as $row){
    $getSetting['share'] = $row['can share posts'];
    $getSetting['edit'] = $row['can edit posts'];
}

//ENCODE ARRAY TO JSON
echo json_encode($getSetting, JSON_PRETTY_PRINT);

?>

```

lget_ogin.php

```

<?php

/*****
****
*/
/*
    VALIDATING LOGIN DETAILS
*/
/*
    This page receives XHR from: "../scripts/login.js"
*/
/*****
****/

//Connect database
include "../incudes/db_conn.php";
$dbpdo = connectDB();

//Get values from get array

```

```

$username = $_GET['username'] ?? '';
$password = $_GET['password'] ?? '';

//Query database using username
$query="SELECT * FROM `cois3420_cravings_users` WHERE `username`=?";
$stmt = $pdo->prepare($query);
$stmt->execute([trim($username)]);
//echo $query.$username;

//If username exists
if ($row = $stmt->fetch()) {
    //var_dump($row);
    if (password_verify($password, $row['password'])){
        echo "password valid";
        //Start session
        session_start();
        //Set session variable
        $_SESSION['username'] = $username;
        $_SESSION['name'] = $row['name'];
        $_SESSION['email'] = $row['email'];
        $_SESSION['share'] = $row['can share posts'];
        $_SESSION['edit'] = $row['can edit posts'];

    }
    else{
        echo "password invalid";
    }
}
//If username does not exist
else {
    echo "user does not exist";
}

exit();

?>

```

post1_register.php

```

<?php

/*****
****
/*          POST REGISTRATION FORM DATA TO COIS_CRAVINGS_USERS DATABASE TABLE
*/
/*          This page receives XHR from: "../scripts/register.js"
*/
****/

//SET UP DATABASE CONNECTION
include "../includes/db_conn.php";
$db = connectDB();

//HEADERS
header('Access-Control-Allow-Origin: *');

```



```

header("Content-Type:application/json");

//GET VALUES FROM POST ARRAY
$name = trim($_POST['name']) ?? NULL;
$email = trim($_POST['email']) ?? NULL;
$username =trim($_POST['username']) ?? NULL;
$password = trim($_POST['password']) ?? NULL;

//HASH PASSWORD
$hashedPass = password_hash($password, PASSWORD_DEFAULT);
//Use PDO ho query to insert into database tables
$query = "INSERT INTO `cois3420_cravings_users`(`name`, `email`, `username`,
`password`) VALUES(?,?,?,?)";
$stmt=$pdo->prepare($query) ->execute([$name, $email, $username, $hashedPass]);

$query = "INSERT INTO `cois3420_cravings_saved`(`username`, `name`) VALUES(?,
?)";
$stmt=$pdo->prepare($query) ->execute([$username, $name]);

?>

```

Post_save_post.php

```

<?php

/*****
****
/*
                SAVING A POST FROM THE HOMEPAGE
*/
/*
        This page receives XHR from: "../scripts/homepage.js"
*/
****/

//Start session
session_start();

//Connect database
include "../incudes/db_conn.php";
$pdo = connectDB();

//Headers
header('Access-Control-Allow-Origin: *');

//Get session variable username if set
if (!isset($_SESSION['username'])) {
    $username = $_SESSION['username'];
}
//If unset, return error
else{
    echo "error";
}

//Get variables from post array
$postId = $_POST['postId'] ?? NULL;

var_dump($_POST);

```

```
//Query database using username and insert value
$query = "INSERT INTO `cois3420_cravings_saved` VALUES(?) WHERE `username`=?";
$stmt=$pdo->prepare($query) ->execute([$postId, $username]);

?>
```