**Core Functionalities Document**

**index.php:**

**index.php is the file which we run to get into the application. Once we run this code in the browser we will get into the home page and here the localhost is the server and 3307 is the port number which we used to run the application.**

<?php

// Check if setup has already been completed

if (file\_exists('setup\_completed.flag')) {

    echo "Setup has already been completed. The SQL setup won't run again.If not created,open this project in the file explorer and delete setup\_completed.flag.It should be next to the index.php file.";

} else {

    define('DB\_HOST', 'localhost:3307');

    define('DB\_USER', 'root');

    define('DB\_PASS', '');

    // Create Connection

    $link = new mysqli(DB\_HOST, DB\_USER, DB\_PASS);

    // Check Connection

    if ($link->connect\_error) {

        die('Connection Failed: ' . $link->connect\_error);

    }

    // Create the 'restaurantdb' database if it doesn't exist

    $sqlCreateDB = "CREATE DATABASE IF NOT EXISTS restaurantdb";

    if ($link->query($sqlCreateDB) === TRUE) {

        echo "Database 'restaurantdb' created successfully.<br>";

    } else {

        echo "Error creating database: " . $link->error . "<br>";

    }

    // Switch to using the 'restaurantdb' database

    $link->select\_db('restaurantdb');

    // Execute SQL statements from "restaurantdb.txt"

    function executeSQLFromFile($filename, $link) {

        $sql = file\_get\_contents($filename);

        // Execute the SQL statements

        if ($link->multi\_query($sql) === TRUE) {

            echo "SQL statements executed successfully.";

            // Set the flag to indicate setup is complete

            file\_put\_contents('setup\_completed.flag', 'Setup completed successfully.');

        } else {

            echo "Error executing SQL statements: " . $link->error;

        }

    }

    // Execute SQL statements from "restaurantdb.txt"

    executeSQLFromFile('restaurantdb.txt', $link);

    // Close the database connection

    $link->close();

}

?>

<a href="customerSide/home/home.php">Home</a>

**CustomerSide**

**Home page: home.php**

**After we run index.php file we will get into the home page. Here the user can see the menu, about the restaurant, and the contact details. In this page we also have links for login(where existing users can login using this link) and signup(where new user can register successfully and get into the application by logging in). Here the customer can also do table reservation.**

<?php

define('DB\_HOST','localhost:3307');

define('DB\_USER','root');

define('DB\_PASS','');

define('DB\_NAME','restaurantdb');

//Create Connection

$link = new mysqli(DB\_HOST,DB\_USER,DB\_PASS,DB\_NAME);

//Check COnnection

if($link->connect\_error){ //if not Connection

die('Connection Failed'.$link->connect\_error);//kills the Connection OR terminate execution

}

$sqlmainDishes = "SELECT \* FROM menu WHERE item\_category = 'Main Dishes' ORDER BY item\_type; ";

$resultmainDishes = mysqli\_query($link, $sqlmainDishes);

$mainDishes = mysqli\_fetch\_all($resultmainDishes, MYSQLI\_ASSOC);

$sqldrinks = "SELECT \* FROM menu WHERE item\_category = 'Drinks' ORDER BY item\_type; ";

$resultdrinks = mysqli\_query($link, $sqldrinks);

$drinks = mysqli\_fetch\_all($resultdrinks, MYSQLI\_ASSOC);

$sqlsides = "SELECT \* FROM menu WHERE item\_category = 'Side Snacks' ORDER BY item\_type; ";

$resultsides = mysqli\_query($link, $sqlsides);

$sides = mysqli\_fetch\_all($resultsides, MYSQLI\_ASSOC);

// Check if the user is logged in

if(isset($\_SESSION["loggedin"]) && $\_SESSION["loggedin"] === true){

    echo '<div class="user-profile">';

    echo 'Welcome, ' . $\_SESSION["member\_name"] . '!';

    echo '<a href="../customerProfile/profile.php">Profile</a>';

    echo '</div>';

}

session\_start();

?>

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

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

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

  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>

    <script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.16.0/umd/popper.min.js"></script>

    <script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

  <title>Home</title>

</head>

<body>

 <!-- Header -->

<section id="header">

  <div class="header container">

    <div class="nav-bar">

      <div class="brand">

          <a class="nav-link" href="../home/home.php#hero">

            <h1 class="text-center" style="font-family:Copperplate; color:whitesmoke;"> JOHNNY'S</h1><span class="sr-only"></span>

          </a>

      </div>

      <div class="nav-list">

        <div class="hamburger">

          <div class="bar"></div>

        </div>

          <div class="navbar-container">

              <div class="navbar">

        <ul>

          <li><a href="#hero" data-after="Home">Home</a></li>

          <li><a href="#projects" data-after="Projects">Menu</a></li>

          <li><a href="#about" data-after="About">About</a></li>

          <li><a href="#contact" data-after="Contact">Contact</a></li>

          <li><a href="../CustomerReservation/reservePage.php" data-after="Service">Reservation</a></li>

          <li><a href="../../adminSide/StaffLogin/login.php" data-after="Staff">Staff</a></li>

        <div class="dropdown">

            <button class="dropbtn">ACCOUNT <i class="fa fa-caret-down" aria-hidden="true"></i> </button>

        <div class="dropdown-content">

  <?php

// Get the member\_id from the query parameters

$account\_id = $\_SESSION['account\_id'] ?? null; // Change this to the way you obtain the member ID

// Create a query to retrieve the member's information

//$query = "SELECT member\_name, points FROM memberships WHERE account\_id = $account\_id";

// Execute the query

//$result = mysqli\_query($link, $query);

// Check if the user is logged in

if (isset($\_SESSION["loggedin"]) && $\_SESSION["loggedin"] === true && $account\_id != null) {

    $query = "SELECT member\_name, points FROM memberships WHERE account\_id = $account\_id";

// Execute the query

$result = mysqli\_query($link, $query);

    // If logged in, show "Logout" link

    // Check if the query was successful

    if ($result) {

        // Fetch the member's information

        $row = mysqli\_fetch\_assoc($result);

        if ($row) {

            $member\_name = $row['member\_name'];

            $points = $row['points'];

            // Calculate VIP status

            $vip\_status = ($points >= 1000) ? 'VIP' : 'Regular';

            // Define the VIP tooltip text

            $vip\_tooltip = ($vip\_status === 'Regular') ? ($points < 1000 ? (1000 - $points) . ' points to VIP ' : 'You are eligible for VIP') : '';

            // Output the member's information

            echo "<p class='logout-link' style='font-size:1.3em; margin-left:15px; padding:5px; color:white; '>$member\_name</p>";

            echo "<p class='logout-link' style='font-size:1.3em; margin-left:15px;padding:5px;color:white; '>$points Points </p>";

            echo "<p class='logout-link' style='font-size:1.3em; margin-left:15px;padding:5px; color:white; '>$vip\_status";

            // Add the tooltip only for Regular status

            if ($vip\_status === 'Regular') {

                echo " <span class='tooltip'>$vip\_tooltip</span>";

            }

            echo "</p>";

        } else {

            echo "Member not found.";

        }

    } else {

        echo "Error: " . mysqli\_error($link);

    }

    echo '<a class="logout-link" style="color: white; font-size:1.3em;" href="../customerLogin/logout.php">Logout</a>';

} else {

    // If not logged in, show "Login" link

    echo '<a class="signin-link" style="color: white; font-size:15px;" href="../customerLogin/register.php">Sign Up </a> ';

    echo '<a class="login-link" style="color: white; font-size:15px; " href="../customerLogin/login.php">Log In</a>';

}

// Close the database connection

mysqli\_close($link);

?>

    </div>

  </div>

        </ul>

          </div>

          </div>

      </div>

    </div>

  </div>

</section>

<!-- End Header -->

<!-- Hero Section with Video Background and Text Overlay -->

<section id="hero" style="position: relative;">

    <video autoplay loop muted playsinline poster="your-poster-image.jpg" style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; object-fit: cover;">

        <source src="../image/SteakOnGrillCloseup.mp4" type="video/mp4">

        <!-- Add additional source elements for

        1.  SteakOnGrillCloseup

        other video formats if needed -->

    </video>

    <div class="hero container" style="position: relative; z-index: 1;">

        <div>

            <h1><strong><h1 class="text-center" style="font-family:Copperplate; color:whitesmoke;"> JOHNNY'S</h1><span></span></strong></h1>

            <h1><strong style="color:white;">DINING & BAR<span></span></strong></h1>

            <a href="#projects" type="button" class="cta">MENU</a>

        </div>

    </div>

</section>

<!-- End Hero Section -->

  <!-- menu Section -->

  <section id="projects">

    <div class="projects container">

      <div class="projects-header">

        <h1 class="section-title"   >Me<span>n</span>u</h1>

      </div>

       <select style="text-align:center;" id="menu-category" class="menu-category">

        <option  value="blue">ALL ITEMS</option>

        <option value="yellow">MAIN DISHES</option>

        <option value="red">SIDE DISHES</option>

        <option value="green">DRINKS</option>

      </select>

    <div class="yellow msg">

        <div></div>

      <div class="mainDish">

           <h1 style="text-align:center;">MAIN DISHES</h1>

          <?php foreach ($mainDishes as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

    </div>

    <div class="red msg">

        <div></div>

      <div class="sideDish">

           <h1 style="text-align:center">SIDE DISHES</h1>

          <?php foreach ($sides as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

    </div>

    <div class="green msg">

        <div></div>

      <div class="drinks">

           <h1 style="text-align:center">DRINKS</h1>

          <?php foreach ($drinks as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

    </div>

       <div class="blue msg">

      <div class="mainDish">

           <h1 style="text-align:center">MAIN DISHES</h1>

          <?php foreach ($mainDishes as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

      <div class="sideDish">

           <h1 style="text-align:center">SIDE DISHES</h1>

          <?php foreach ($sides as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

      <div class="drinks">

           <h1 style="text-align:center">DRINKS</h1>

          <?php foreach ($drinks as $item): ?>

      <p>

        <span class="item-name"> <strong><?php echo $item['item\_name']; ?></strong></span>

        <span class="item-price">RM<?php echo $item['item\_price']; ?></span><br>

        <span class="item\_type"><i><?php echo $item['item\_type']; ?></i></span>

        <hr>

      </p>

    <?php endforeach; ?>

      </div>

      </div>

    </div>

  </section>

  <!-- End menu Section -->

  <!-- About Section -->

<section id="about" ">

  <div class="about container">

    <div class="col-right">

        <h1 class="section-title" >About <span>Us</span></h1>

        <h2>Johnny's DINING & BAR Company History:</h2>

 <p>Johnny's Dining & Bar is a well-established Western food establishment in the city's heart. Johnny's Dining & Bar has become a popular choice for customers looking to celebrate special occasions or simply enjoy a relaxing meal, with a focus on providing delicious meals and a friendly dining experience.

 </p>

 <p>Johnny's Dining & Bar, as a Western restaurant, offers a diverse menu that caters to a variety of tastes. The menu includes a wide range of options such as bar bites, salads, soups and a variety of main courses. Customers can savour succulent options such as steak and ribs, chicken, lamb, seafood, burgers and sandwiches, pasta, and a variety of delectable side dishes. The menu has been carefully curated to offer a balance of classic favourites and innovative creations, ensuring that every palate is satisfied.

 </p>

 <p>Johnny's Dining & Bar's ability to accommodate customers is one of its distinguishing features. Johnny's Dining & Bar strives to create an inviting and comfortable dining environment, whether guests prefer to walk in or make reservations in advance. The restaurant recognises the significance of creating memorable experiences, particularly for those celebrating special occasions. Johnny's Dining & Bar is a popular choice for families, couples, and groups of friends because of its attentive staff and welcoming atmosphere.

 </p>

 <p>Johnny's Dining & Bar has an inviting outdoor bar that is open seven days a week from 11:00 AM to 10:00 PM in addition to the indoor dining area.This outdoor space provides a relaxed setting for patrons to unwind and socialise while sipping on their favourite drinks and nibbling on bar bites. The bar serves a wide range of beverages, including cocktails, wines, beers and non-alcoholic options.

 </p>

      </div>

    </div>

  </section>

  <!-- End About Section -->

 <!-- Contact Section -->

<section id="contact" ">

  <div class="contact container">

    <div>

      <h1 class="section-title">Contact <span>info</span></h1>

    </div>

    <div class="contact-items">

      <div class="contact-item contact-item-bg">

        <div class="contact-info">

          <div class='icon'><img src="../image/icons8-phone-100.png" alt=""/></div>

          <h1>Phone</h1>

          <h2>+60 886 8786</h2>

        </div>

      </div>

      <div class="contact-item contact-item-bg">

        <div class="contact-info">

          <div class='icon'><img src="../image/icons8-email-100.png" alt=""/></div>

          <h1>Email</h1>

          <h2>JohnnysDining@gmail.com</h2>

        </div>

      </div>

      <div class="contact-item contact-item-bg">

        <div class="contact-info">

          <div class='icon'> <img src="../image/icons8-home-address-100.png" alt=""/></div>

          <h1>Address</h1>

          <h2>Lot 62, Third Floor, Jalan Newton, No.345, Lorong Kluang, Kota Kinabalu, Malaysia, 88000</h2>

        </div>

      </div>

    </div>

  </div>

</section>

<!-- End Contact Section -->

  <!-- Footer -->

  <section id="footer">

    <div class="footer container">

        <div class="brand">

          <h1>Drinks on the House</h1>

      </div>

        <h2>Follow our Socials</h2>

      <div class="social-icon">

        <div class="social-item">

          <a href="https://www.facebook.com"><img src="https://img.icons8.com/color/48/facebook.png" alt="facebook"/></a>

        </div>

        <div class="social-item">

          <a href="https://www.instagram.com"><img src="https://img.icons8.com/color/48/instagram-new.png" alt="instagram-new"/></a>

        </div>

          <div class="social-item">

          <a href="https://www.pinterest.com"><img src="https://img.icons8.com/color/48/pinterest.png" alt="pinterest-new"/></a>

        </div>

          <div class="social-item">

          <a href="https://www.tiktok.com"><img src="https://img.icons8.com/color/48/tiktok.png" alt="tiktok-new"/></a>

        </div>

          <div class="social-item">

          <a href="https://www.youtube.com"><img src="https://img.icons8.com/color/48/youtube-play.png" alt="youtube-new"/></a>

        </div>

      </div>

      <p>© 2023 Johnny's Dining & Bar</p>

    </div>

  </section>

  <!-- End Footer -->

  <script src="../js/app.js"></script>

   <style type="text/css">

       .navbar-container {

  width: 100%;

  padding: 0;

  margin: 0;

}

      .msg {

        font-family: 'Montserrat', sans-serif;

        margin-top: 25px;

        padding: 25px;

        display: none;

        color: black;

      }

      .yellow {

        background: #fff;

      }

      .green {

        background: #fff;

      }

      .red {

        background: #fff;

      }

      /\* Styling the select button \*/

   .menu-category {

  font-size: 24px;

  padding: 10px;

  border: 2px solid black; /\* Red border \*/

  outline: none;

  cursor: pointer;

  transition: border-color 0.3s ease, background-color 0.3s ease, color 0.3s ease;

  color: #000; /\* Black text \*/

  background-color: #fff; /\* White background \*/

  border-radius: 0; /\* No border radius (sharp corners) \*/

}

/\* Style the option text in the select dropdown \*/

.menu-category option {

  font-size: 20px;

}

/\* Hover effect \*/

.menu-category:hover {

  background-color: black; /\* Red background on hover \*/

  color: white; /\* Black text on hover \*/

}

      /\* Use CSS Grid to create three columns \*/

      .msg {

        display: grid;

        grid-template-columns: repeat(3, 1fr); /\* Three columns with equal width \*/

        grid-gap: 24px; /\* Adjust the gap between items \*/

      }

      /\* Style the menu item content \*/

      .msg p {

        margin: 5px 0;

      }

    .item-name {

  display: inline-block; /\* Ensure items are displayed on separate lines \*/

  width: 100%; /\* Adjust the width as needed \*/

  float: left;

}

.item-price {

  display: inline-block; /\* Ensure prices are displayed on separate lines \*/

  width: 30%; /\* Adjust the width as needed \*/

  float: right;

}

.user-profile {

    display: flex;

    align-items: center;

    color: white;

    margin-right: 20px;

}

.user-profile a {

    margin-left: 10px;

    color: white;

    text-decoration: none;

}

/\* Style for the profile link \*/

.profile-link {

  border: 1px solid #fff; /\* Smaller border style and color \*/

  padding: 3px 8px; /\* Smaller padding inside the border \*/

  border-radius: 3px; /\* Rounded corners for the border \*/

  text-decoration: none; /\* Remove the default underline \*/

  color: #fff; /\* Text color \*/

  margin-left: auto; /\* Automatically push the link to the right \*/

  margin-right: 10px; /\* Add a small right margin for spacing \*/

}

#contact .col-right h2 {

  font-size: 24px; /\* Adjust the font size \*/

  color: white; /\* Text color for the right column \*/

}

#contact .col-right p {

  font-size: 18px; /\* Adjust the font size \*/

  color: white; /\* Text color for the right column \*/

}

/\* Style for the contact-item containers \*/

.contact-item-bg {

  background-color: rgba(0, 0, 0, 0.7); /\* Semi-transparent black background \*/

  padding: 20px;

  border-radius: 5px;

  margin-bottom: 20px; /\* Add margin between contact items \*/

}

.contact-item-bg h1,

.contact-item-bg h2 {

  color: white; /\* Text color for the contact items \*/

}

.contact-item-bg i {

  color: #fff; /\* Icon color \*/

}

.contact-item-bg .icon img {

  width: 80px; /\* Adjust the width of the icon images \*/

  height: 80px; /\* Adjust the height of the icon images \*/

}

.navbar {

  overflow: hidden;

}

.navbar a {

  float: left;

  font-size: 16px;

  color: white;

  text-align: center;

  padding: 14px 16px;

  text-decoration: none;

}

.dropdown {

  float: right;

  overflow: hidden;

}

.dropdown .dropbtn {

  font-size: 17px;

  border: none;

  outline: none;

  color: white;

  padding: 13.9px 16px;

  background-color: inherit;

  font-family: inherit;

  margin: 0;

  margin-top: 6px;

}

 .dropdown:hover .dropbtn {

  color: crimson;

}

.dropdown-content {

  display: none;

  position: absolute;

    background-color: rgba(0, 0, 0, 0.5);

  min-width: 160px;

  box-shadow: 0px 8px 16px 0px rgba(0,0,0,0.2);

  z-index: 1;

  color: black;

}

.dropdown-content a {

  float: none;

  color: white;

  padding: 12px 16px;

  text-decoration: none;

  display: block;

  text-align: left;

}

.dropdown-content a:hover {

  background-color: #ddd;

}

/\* Style for the dropdown content text \*/

.dropdown-content a {

  float: none;

  color: black;

  padding: 12px 16px;

  text-decoration: none;

  display: block;

  text-align: left;

}

/\* Hover effect for dropdown content text \*/

.dropdown-content a:hover {

  background-color: #ddd;

  color: black; /\* Set the text color to black on hover if needed \*/

}

.dropdown:hover .dropdown-content {

  display: block;

}

 .tooltip {

    display: none;

    position: absolute;

    background-color: rgba(0, 0, 0, 0.8);

    color: white;

    padding: 5px;

    border-radius: 3px;

    font-size: 0.9em;

    margin-top: 50px; /\* Add margin to move the tooltip below the element \*/

    left: 0; /\* Set left to 0 to align with the element \*/

    width: 100%; /\* Make the tooltip span the width of the element \*/

    text-align: center; /\* Center the text within the tooltip \*/

  }

    </style>

    <script src="https://code.jquery.com/jquery-1.12.4.min.js"></script>

    <script type="text/javascript">

    $(document).ready(function(){

        $("select").change(function(){

            $(this).find("option:selected").each(function(){

                var val = $(this).attr("value");

                if(val){

                    $(".msg").not("." + val).hide();

                    $("." + val).show();

                } else{

                    $(".msg").hide();

                }

            });

        }).change();

    });

  $(document).ready(function(){

    // Function to filter menu items based on search input

    function filterMenuItems(searchTerm) {

      $(".item-name").each(function() {

        var itemName = $(this).text().toLowerCase();

        if (itemName.includes(searchTerm)) {

          $(this).closest(".msg").show();

        } else {

          $(this).closest(".msg").hide();

        }

      });

    }

    // Search button click event

    $("#search-button").click(function() {

      var searchTerm = $("#search-input").val().toLowerCase();

      filterMenuItems(searchTerm);

    });

    // Search input keyup event

    $("#search-input").keyup(function() {

      var searchTerm = $(this).val().toLowerCase();

      filterMenuItems(searchTerm);

    });

  });

$(document).ready(function() {

    $('.dropdown-toggle').dropdown();

});

    </script>

<!-- jQuery -->

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<!-- Bootstrap JS (including Popper.js) -->

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>

<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>

<script>

  $(document).ready(function () {

    $('.logout-link').hover(function () {

      var $tooltip = $(this).find('.tooltip');

      var elementHeight = $(this).height();

      $tooltip.css('top', elementHeight + 10 + 'px'); // Position the tooltip below the element

      $tooltip.css('display', 'block');

    }, function () {

      $(this).find('.tooltip').css('display', 'none');

    });

  });

</script>

</body>

</html>

**Customer Login: login.php**

**Existing users can login by giving their credentials.**

<?php

// Include your database connection code here

require\_once "config.php"; // Make sure to replace "config.php" with your actual database connection file.

session\_start();

// Define variables for email and password

$email = $password = "";

$email\_err = $password\_err = "";

// Check if the form was submitted.

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    // Validate email

    if (empty(trim($\_POST["email"]))) {

        $email\_err = "Please enter your email.";

    } else {

        $email = trim($\_POST["email"]);

    }

    // Validate password

    if (empty(trim($\_POST["password"]))) {

        $password\_err = "Please enter your password.";

    } else {

        $password = trim($\_POST["password"]);

    }

    // Check input errors before checking authentication

    if (empty($email\_err) && empty($password\_err)) {

        // Prepare a select statement

        $sql = "SELECT \* FROM Accounts WHERE email = ?";

        if ($stmt = mysqli\_prepare($link, $sql)) {

            // Bind variables to the prepared statement as parameters

            mysqli\_stmt\_bind\_param($stmt, "s", $param\_email);

            // Set parameters

            $param\_email = $email;

            // Attempt to execute the prepared statement

            if (mysqli\_stmt\_execute($stmt)) {

                // Get the result

                $result = mysqli\_stmt\_get\_result($stmt);

                // Check if a matching record was found.

                if (mysqli\_num\_rows($result) == 1) {

                    // Fetch the result row

                    $row = mysqli\_fetch\_assoc($result);

                   // Verify the password

                    if ($password === $row["password"]) {

                        // Password is correct, start a new session and redirect the user to a dashboard or home page.

                        $\_SESSION["loggedin"] = true;

                        $\_SESSION["email"] = $email;

                        // Query to get membership details

                        $sql\_member = "SELECT \* FROM Memberships WHERE account\_id = " . $row['account\_id'];

                        $result\_member = mysqli\_query($link, $sql\_member);

                        if ($result\_member) {

                            $membership\_row = mysqli\_fetch\_assoc($result\_member);

                            if ($membership\_row) {

                                $\_SESSION["account\_id"] = $membership\_row["account\_id"];

                                header("location: ../home/home.php"); // Redirect to the home page

                                exit;

                            } else {

                                // No membership details found

                                $password\_err = "No membership details found for this account.";

                            }

                        } else {

                            // Error in membership query

                            $password\_err = "Error fetching membership details: " . mysqli\_error($link);

                        }

                    } else {

                        // Password is incorrect

                        $password\_err = "Invalid password. Please try again.";

                    }

                } else {

                    // No matching records found

                    $email\_err = "No account found with this email.";

                }

            } else {

                echo "Oops! Something went wrong. Please try again later.";

            }

            // Close the statement

            mysqli\_stmt\_close($stmt);

        }

    }

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Login</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

     <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <style>

/\* Style for the container within login.php \*/

.login-container {

  padding: 50px; /\* Adjust the padding as needed \*/

  border-radius: 10px; /\* Add rounded corners \*/

  margin: 100px auto; /\* Center the container horizontally \*/

  max-width: 500px; /\* Set a maximum width for the container \*/

}

        body {

            font-family: 'Montserrat', sans-serif;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0; /\* Remove default margin \*/

            background-color:black;

             background-image: url('../image/loginBackground.jpg'); /\* Set the background image path \*/

            background-size: cover;

            background-position: center;

            background-repeat: no-repeat;

            background-attachment: fixed;

            color: white;

        }

        .login\_wrapper {

            width: 400px; /\* Adjust the container width as needed \*/

            padding: 20px;

        }

        h2 {

            text-align: center;

            font-family: 'Montserrat', serif;

        }

        p {

            font-family: 'Montserrat', serif;

        }

        .form-group {

            margin-bottom: 15px; /\* Add space between form elements \*/

        }

        ::placeholder {

            font-size: 12px; /\* Adjust the font size as needed \*/

        }

        .text-danger{

            font-size: 13px;

        }

    </style>

</head>

<body>

    <div class="login-container">

    <div class="login\_wrapper">

        <a class="nav-link" href="../home/home.php#hero"> <h1 class="text-center" style="font-family:Copperplate; color:white;"> JOHNNY'S</h1><span class="sr-only"></span></a>

        <div class="wrapper">

        <form action="login.php" method="post">

            <div class="form-group">

                <label>Email</label>

                <input type="email" name="email" class="form-control" placeholder="Enter User Email" required>

                <span class="text-danger"><?php echo $email\_err; ?></span>

            </div>

           <div class="form-group">

    <label>Password</label>

    <input type="password" name="password" class="form-control" placeholder="Enter User Password" required>

    <span class="text-danger"><?php echo $password\_err; ?></span>

</div>

            <button class="btn btn-dark" style="background-color:black;" type="submit" name="submit" value="Login">Login</button>

        </form>

            <p style="margin-top:1em; color:white;">Don't have an account? <a href="register.php" style="">Proceed to Register</a></p>

        </div>

    </div>

    </div>

</body>

</html>

**Customer registration: register.php**

**The new users can signup by giving their details like name, password, phone number, and email.**

<?php

// Include your database connection code here (not shown in this example).

require\_once "config.php"; // Make sure to replace "config.php" with your actual database connection file.

session\_start();

// Define variables and initialize them to empty values

$email = $member\_name = $password = $phone\_number = "";

$email\_err = $member\_name\_err = $password\_err = $phone\_number\_err = "";

// Check if the form was submitted.

if ($\_SERVER["REQUEST\_METHOD"] == "POST") {

    // Validate email

    if (empty(trim($\_POST["email"]))) {

        $email\_err = "Please enter your email.";

    } else {

        $email = trim($\_POST["email"]);

    }

    // Validate member name

    if (empty(trim($\_POST["member\_name"]))) {

        $member\_name\_err = "Please enter your member name.";

    } else {

        $member\_name = trim($\_POST["member\_name"]);

    }

    // Validate password

    if (empty(trim($\_POST["password"]))) {

        $password\_err = "Please enter a password.";

    } elseif (strlen(trim($\_POST["password"])) < 6) {

        $password\_err = "Password must have at least 6 characters.";

    } else {

        $password = trim($\_POST["password"]);

    }

    // Validate phone number

    if (empty(trim($\_POST["phone\_number"]))) {

        $phone\_number\_err = "Please enter your phone number.";

    } else {

        $phone\_number = trim($\_POST["phone\_number"]);

    }

    // Check input errors before inserting into the database

    if (empty($email\_err) && empty($member\_name\_err) && empty($password\_err) && empty($phone\_number\_err)) {

        // Start a transaction

        mysqli\_begin\_transaction($link);

        // Prepare an insert statement for Accounts table

      // Prepare an insert statement for Accounts table

$sql\_accounts = "INSERT INTO Accounts (email, password, phone\_number, register\_date) VALUES (?, ?, ?, NOW())";

if ($stmt\_accounts = mysqli\_prepare($link, $sql\_accounts)) {

    // Bind variables to the prepared statement as parameters

    mysqli\_stmt\_bind\_param($stmt\_accounts, "sss", $param\_email, $param\_password, $param\_phone\_number);

    // Set parameters

    $param\_email = $email;

    // Store the password as plain text (not recommended for production)

    $param\_password = $password;

    $param\_phone\_number = $phone\_number;

    // ...

}

            // Attempt to execute the prepared statement for Accounts table

            if (mysqli\_stmt\_execute($stmt\_accounts)) {

                // Get the last inserted account\_id

                $last\_account\_id = mysqli\_insert\_id($link);

                // Prepare an insert statement for Memberships table

                $sql\_memberships = "INSERT INTO Memberships (member\_name, points, account\_id) VALUES (?, ?, ?)";

                if ($stmt\_memberships = mysqli\_prepare($link, $sql\_memberships)) {

                    // Bind variables to the prepared statement as parameters

                    mysqli\_stmt\_bind\_param($stmt\_memberships, "sii", $param\_member\_name, $param\_points, $last\_account\_id);

                    // Set parameters for Memberships table

                    $param\_member\_name = $member\_name;

                    $param\_points = 0; // You can set an initial value for points

                    // Attempt to execute the prepared statement for Memberships table

                    if (mysqli\_stmt\_execute($stmt\_memberships)) {

                        // Commit the transaction

                        mysqli\_commit($link);

                        // Registration successful, redirect to the login page

                        header("location: register\_process.php");

                        exit;

                    } else {

                        // Rollback the transaction if there was an error

                        mysqli\_rollback($link);

                        echo "Oops! Something went wrong. Please try again later.";

                    }

                    // Close the statement for Memberships table

                    mysqli\_stmt\_close($stmt\_memberships);

                }

            } else {

                // Rollback the transaction if there was an error

                mysqli\_rollback($link);

                echo "Oops! Something went wrong. Please try again later.";

            }

            // Close the statement for Accounts table

            mysqli\_stmt\_close($stmt\_accounts);

        }

    }

?>

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

    <title>Registration Form</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <style>

        body {

            font-family: 'Montserrat', sans-serif;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

            margin: 0; /\* Remove default margin \*/

            background-color:black;

             background-image: url('../image/loginBackground.jpg'); /\* Set the background image path \*/

            background-size: cover;

            background-position: center;

            background-repeat: no-repeat;

            background-attachment: fixed;

            color: white;

            }

/\* Style for the container within login.php \*/

.register-container {

  padding: 50px; /\* Adjust the padding as needed \*/

  border-radius: 10px; /\* Add rounded corners \*/

  margin: 100px auto; /\* Center the container horizontally \*/

  max-width: 500px; /\* Set a maximum width for the container \*/

}

        .register\_wrapper {

            width: 400px; /\* Increase the container width \*/

            padding: 20px;

        }

        h2 {

            text-align: center;

            font-family: 'Montserrat', serif;

        }

        p {

            font-family: 'Montserrat', serif;

        }

        .form-group {

            margin-bottom: 15px; /\* Add space between form elements \*/

        }

        ::placeholder {

            font-size: 12px; /\* Adjust the font size as needed \*/

        }

        /\* Add flip animation class to all Font Awesome icons \*/

        .fa-flip {

            animation: fa-flip 3s infinite;

        }

        /\* Keyframes for the flip animation \*/

        @keyframes fa-flip {

            0% {

                transform: scale(1) rotateY(0);

            }

            50% {

                transform: scale(1.2) rotateY(180deg);

            }

            100% {

                transform: scale(1) rotateY(360deg);

            }

        }

    </style>

</head>

<body>

    <div class="register-container">

    <div class="register\_wrapper"> <!-- Updated class name -->

        <a class="nav-link" href="../home/home.php#hero"> <h1 class="text-center" style="font-family:Copperplate; color:white;"> JOHNNY'S</h1><span class="sr-only"></span></a><br>

        <form action="register.php" method="post">

            <div class="form-group">

                <label>Email</label>

                <input type="email" name="email" class="form-control" placeholder="Enter Email" required>

                                <span class="text-danger"><?php echo $email\_err; ?></span>

            </div>

            <div class="form-group">

                <label>Member Name</label>

                <input type="text" name="member\_name" class="form-control" placeholder="Enter Member Name" required>

                                <span class="text-danger"><?php echo $member\_name\_err; ?></span>

            </div>

            <div class="form-group">

                <label>Password</label>

                <input type="password" name="password" class="form-control" placeholder="Enter Password" required>

                                <span class="text-danger"><?php echo $password\_err; ?></span>

            </div>

            <div class="form-group">

                <label>Phone Number</label>

                <input type="text" name="phone\_number" class="form-control" placeholder="Enter Phone Number" required>

                                <span class="text-danger"><?php echo $phone\_number\_err; ?></span>

            </div>

            <button style="background-color:black;" class="btn btn-dark" type="submit" name="register" value="Register">Register</button>

        </form>

        <p style="margin-top:1em; color:white;">Already have an account? <a href="../customerLogin/login.php" >Proceed to Login</a></p>

    </div>

    </div>

</body>

</html>

**Admin Side**

**Staff login: login.php**

**Here the staff can login by giving their id and password details where they can see all the customer reservations, employee payrole,etc.**

<!DOCTYPE html>

<html>

<head>

    <meta charset="UTF-8">

    <title>Login</title>

    <link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css">

    <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/4.7.0/css/font-awesome.min.css">

    <style>

         body {

            font-family: 'Montserrat', sans-serif;

            color: white;

            background-color: #1C1427;

            display: flex;

            justify-content: center;

            align-items: center;

            height: 100vh;

        }

        .wrapper {

            width: 360px;

            padding: 20px;

        }

        h2{

            text-align: center;

        }

    </style>

</head>

<body>

    <p>&nbsp;&nbsp;&nbsp;</p>

    <section id="signup">

    <div class="container my-6 ">

    <a class="nav-link" href="../../customerSide/home/home.php"> <h1 class="text-center" style="font-family:Copperplate; color:white;"> JOHNNY'S</h1><span class="sr-only"></span></a>

    <div class="wrapper">

        <?php

        if(!empty($login\_err)){

            echo '<div class="alert alert-danger">' . $login\_err . '</div>';

        }

        ?>

    <form action="login\_process.php" method="post" >

        <div class="form-group">

            <label for="account\_id">Staff Account ID</label>

            <input type="number" id="account\_id" name="account\_id" placeholder="Enter Account ID" required class="form-control <?php echo (!empty($account\_id)) ? 'is-invalid' : ''; ?>" value="<?php echo $account\_id; ?>">

            <span class="invalid-feedback"><?php echo $account\_id; ?></span>

        </div>

        <div class="form-group">

            <label for="password">Password</label>

            <input type="password" id="password" name="password" placeholder="Enter Password" required class="form-control <?php echo (!empty($password\_err)) ? 'is-invalid' : ''; ?>">

        </div>

            <div class="form-group">

                <button class="btn btn-light" type="submit" name="submit" value="Login">Login</button>

            </div>

    </form>

    </div>

</body>

</html>