Database Setup

```sql
USE restaurant_db;

CREATE TABLE users (
    id INT AUTO_INCREMENT PRIMARY KEY,
    username VARCHAR(50) NOT NULL UNIQUE,
    password VARCHAR(255) NOT NULL,
    created_at TIMESTAMP DEFAULT CURRENT_TIMESTAMP
);
```

Backend (PHP)

```php
<?php
$host = 'localhost';
$db = 'restaurant_db';
$user = 'your_username';
$pass = 'your_password';

$conn = new PDO("mysql:host=$host;dbname=$db", $user, $pass);
$conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
?>
```

Signup (signup.php): Allows users to register.

```php
<?php
require_once 'db.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $username = $_POST['username'];
    $password = password_hash($_POST['password'], PASSWORD_DEFAULT);

    $stmt = $conn->prepare("INSERT INTO users (username, password) VALUES (?, ?)");
```

```php
    $stmt->execute([$username, $password]);

    echo "User registered successfully!";
}
?>

<form method="post" action="signup.php">
    Username: <input type="text" name="username" required><br>
    Password: <input type="password" name="password" required><br>
    <input type="submit" value="Sign Up">
</form>
```

Login (login.php):

```php
<?php
session_start();
require_once 'db.php';

if ($_SERVER['REQUEST_METHOD'] == 'POST') {
    $username = $_POST['username'];
    $password = $_POST['password'];

    $stmt = $conn->prepare("SELECT id, password FROM users WHERE username = ?");
    $stmt->execute([$username]);
    $user = $stmt->fetch();

    if ($user && password_verify($password, $user['password'])) {
        $_SESSION['user_id'] = $user['id'];
        header("Location: profile.php"); // Redirect to user's profile page
        exit();
    } else {
        echo "Invalid username or password";
    }
```

```php
}
?>
```

```html
<form method="post" action="login.php">
    Username: <input type="text" name="username" required><br>
    Password: <input type="password" name="password" required><br>
    <input type="submit" value="Login">
</form>
```

Profile Page (profile.php):

```php
<?php
session_start();

if (!isset($_SESSION['user_id'])) {
    header("Location: login.php");
    exit();
}

// Fetch user details from database and display here
echo "Welcome to your profile page!";
?>
```

```html
<br>
<a href="logout.php">Logout</a>
```

Logout (logout.php):

```php
<?php
session_start();
session_unset();
session_destroy();
header("Location: login.php");
exit();
?>
```