Register.php

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>User Registration</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            padding: 20px;
        }

        form {
            max-width: 400px;
            margin: 0 auto;
        }

        input[type="text"],
        input[type="email"],
        input[type="password"] {
            width: 100%;
            padding: 10px;
            margin: 10px 0;
            border: 1px solid #ccc;
        }

        input[type="submit"] {
            background-color: #28a745;
            color: white;
            padding: 10px;
            width: 100%;
            border: none;
        }

        input[type="submit"]:hover {
            background-color: #218838;
        }

        .error {
            color: red;
        }
    </style>
</head>

<body>
    <h2>User Registration</h2>
    <form action="register.php" method="post">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required>

        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
```

```php
    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>
    <input type="submit" name="register" value="Register">
</form>
<?php
if ($_SERVER['REQUEST_METHOD'] == 'POST' && isset($_POST['register'])) {
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "user_system";
    $conn = new mysqli($servername, $username, $password, $dbname);
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    $username = $_POST['username'];
    $email = $_POST['email'];
    $password = password_hash($_POST['password'], PASSWORD_DEFAULT);
    $sql = "INSERT INTO users (username, email, password) VALUES (?, ?, ?)";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("sss", $username, $email, $password);
    if ($stmt->execute()) {
        echo "Registration successful!";
    } else {
        echo "Error: " . $stmt->error;
    }
    $stmt->close();
    $conn->close();
}
?>
</body>

</html>
```

⊕ Login.php

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>User Login</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            padding: 20px;
        }

        form {
            max-width: 400px;
            margin: 0 auto;
        }
```

```css
    input[type="text"],
    input[type="password"] {
      width: 100%;
      padding: 10px;
      margin: 10px 0;
      border: 1px solid #ccc;
    }

    input[type="submit"] {
      background-color: #28a745;
      color: white;
      padding: 10px;
      width: 100%;
      border: none;
    }

    input[type="submit"]:hover {
      background-color: #218838;
    }

    .error {
      color: red;
    }
  </style>
</head>

<body>
  <h2>User Login</h2>
  <form action="login.php" method="post">
    <label for="username">Username:</label>
    <input type="text" id="username" name="username" required>

    <label for="password">Password:</label>
    <input type="password" id="password" name="password" required>
    <input type="submit" name="login" value="Login">
  </form>
  <?php
  session_start();
  if ($_SERVER['REQUEST_METHOD'] == 'POST' && isset($_POST['login'])) {
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "user_system";
    $conn = new mysqli($servername, $username, $password, $dbname);
    if ($conn->connect_error) {
      die("Connection failed: " . $conn->connect_error);
    }
    $username = $_POST['username'];
    $password = $_POST['password'];
    $sql = "SELECT * FROM users WHERE username = ?";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("s", $username);
    $stmt->execute();
    $result = $stmt->get_result();
    if ($result->num_rows == 1) {
```

```php
            $user = $result->fetch_assoc();
            if (password_verify($password, $user['password'])) {
                $_SESSION['username'] = $user['username'];
                header("Location: welcome.php");
            } else {
                echo "<div class='error'>Incorrect password.</div>";
            }
        } else {
            echo "<div class='error'>Username not found.</div>";
        }
        $stmt->close();
        $conn->close();
    }
    ?>
</body>

</html>
```
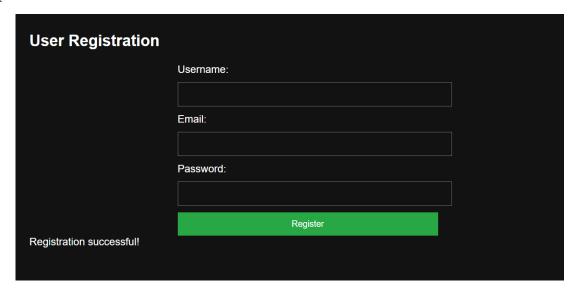
Welcome.php

```php
<?php
session_start();
if (!isset($_SESSION['username'])) {
    header("Location: login.php");
    exit();
}
?>
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Welcome</title>
</head>

<body>
    <h2>Welcome, <?php echo $_SESSION['username']; ?>!</h2>
    <p>You are logged in.</p>
    <a href="logout.php">Logout</a>
</body>

</html>
```

Logout.php

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

⚜ Output:

User Registration

Username:

Email:

Password:

Register

Registration successful!

Showing rows 0 - 2 (3 total, Query took 0.0001 seconds.)

SELECT * FROM `users`

id	username	email	password	created_at
1	LoneWolf	example@example.com	$2y$10$Y1/IM/ZTYSoQe33w747MlOPKnX8/TcrlTOBRTti.A1wJPfONkW0Oa	2024-09-30 23:29:04
2	ninja	ninjadude@gmail.com	$2y$10$V/5hz42M7.UlquVbVtefHus0lrPScgZAtzUOpMfdcE.cWCiyPmxR2	2024-09-30 23:31:03
3	zoro	zoro34roronoa@gmail.com	$2y$10$Deq4NyKchZR8a87o86vffedlvio5pc9/bBP./R9zzaFRh/tTk4hi2	2024-09-30 23:31:26

Welcome, LoneWolf!

You are logged in.

[Logout](#)