# Lab-11:

# PHP Login

**Assignment/Task:**

Perform login/logout using PHP for all possible roles of your semester project

# login.html

<!DOCTYPE html>

<html>

<head>

<title>Login - FUSST Venue Booking</title>

<style>

body {

background-color: white;

font-family: Arial, sans-serif;

color: navy;

display: flex;

flex-direction: column;

justify-content: center; align-items: center;

height: 100vh;

margin: 0;

}

header { font-size: 28px;

font-weight: bold;

color: navy;

margin-bottom: 25px;

}

.login-box {

background-color: white;

border: 2px solid steelblue;

padding: 35px;

border-radius: 12px;

box-shadow: 0 0 15px lightsteelblue; width: 360px;

}

h2 {

text-align: center;

color: steelblue; margin-bottom: 20px;

}

label {

font-weight: 600;

}

input[type="email"],

input[type="password"] {

width: 100%;

padding: 12px;

margin-top: 8px; margin-bottom: 22px;

border: 1.5px solid steelblue;

border-radius: 6px;

font-size: 16px;

transition: border-color 0.3s;

}

input[type="email"]:focus,

input[type="password"]:focus {

border-color: mediumseagreen;

outline: none;

}

input[type="submit"] {

background-color: mediumseagreen;

color: white;

border: none;

padding: 14px;

width: 100%; border-radius: 6px;

font-size: 18px;

cursor: pointer;

transition: background-color 0.3s;

font-weight: bold;

}

input[type="submit"]:hover {

background-color: darkseagreen;

}

</style>

</head>

<body>

<header>FUSST Venue Booking</header>

<div class="login-box">

<h2>Login</h2>

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

<label for="email">Email:</label>

<input type="email" id="email" name="email" required>

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

<input type="password" id="password" name="password" required>

<input type="submit" value="Login">

</form>

</div>

</body>

</html>

# login.php

<?php

session\_start();

require 'db\_connect.php';

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

$email = $conn->real\_escape\_string($\_POST['email']);

$password = $\_POST['password'];

// Check if user exists

$sql = "SELECT \* FROM users WHERE email='$email'";

$result = $conn->query($sql);

if ($result->num\_rows == 1) {

// User exists, verify password

$user = $result->fetch\_assoc();

if (password\_verify($password, $user['password'])) { // Login successful

$\_SESSION['user\_id'] = $user['id'];

$\_SESSION['user\_name'] = $user['name'];

$\_SESSION['role'] = $user['role'];

header("Location: home.php");

exit(); } else {

echo "Invalid password.";

}

} else {

// User does not exist, register now

$hashed\_password = password\_hash($password, PASSWORD\_DEFAULT);

// For simplicity, name = email before @

$name = strstr($email, '@', true);

$role = 'faculty'; // default role

$insert\_sql = "INSERT INTO users (name, email, password, role)

VALUES ('$name', '$email', '$hashed\_password', '$role')";

if ($conn->query($insert\_sql) === TRUE) { $\_SESSION['user\_id'] = $conn->insert\_id;

$\_SESSION['user\_name'] = $name;

$\_SESSION['role'] = $role;

header("Location: home.php");

exit();

} else {

echo "Error: " . $conn->error; }

}

}

?>

**home.php**

<?php

session\_start();

if (!isset($\_SESSION['user\_id'])) { header("Location: login.html");

exit();

}

?>

<!DOCTYPE html>

<html>

<head>

<title>Home - FUSST Venue Booking</title>

<style>

body {

background-color: white; font-family: Arial, sans-serif;

color: navy;

margin: 0;

padding: 0;

}

.header {

background-color: steelblue;

color: white;

padding: 25px 30px;

position: relative;

font-weight: bold; font-size: 26px;

}

.logout-button {

position: absolute;

top: 25px;

right: 30px;

background-color: mediumseagreen;

color: white;

padding: 12px 25px;

border: none;

border-radius: 8px;

text-decoration: none; font-size: 16px;

transition: background-color 0.3s;

}

.logout-button:hover {

background-color: darkseagreen; }

.content {

padding: 50px 40px;

text-align: center;

color: navy; }

.image {

width: 60%;

max-width: 900px;

border-radius: 14px; margin: 0 auto 35px;

display: block;

box-shadow: 0 0 20px lightsteelblue;

}

</style>

</head>

<body>

<div class="header">

Welcome, <?php echo htmlspecialchars($\_SESSION['user\_name']); ?>!

<a href="logout.php" class="logout-button">Logout</a>

</div>

<div class="content">

<p>Your role: <strong><?php echo htmlspecialchars($\_SESSION['role']);

?></strong></p>

<img src="assets/venue.jpg" class="image" alt="FUSST Venue"

height="450px">

</div>

</body>

</html>

**logout.php**

<?php

session\_start();

session\_destroy();

header("Location: login.html");

exit(); ?>

# db\_connect.php

<?php

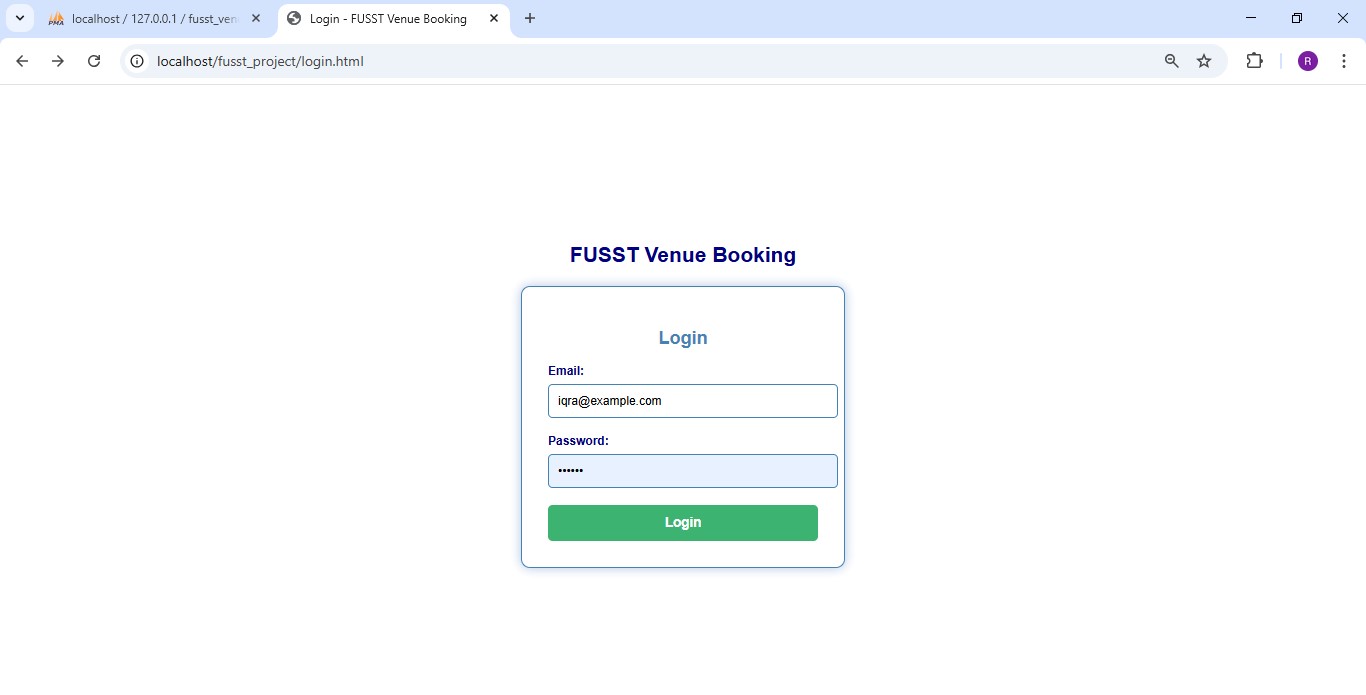
$conn = new mysqli("localhost", "root", "", "fusst\_venue");

if ($conn->connect\_error) {

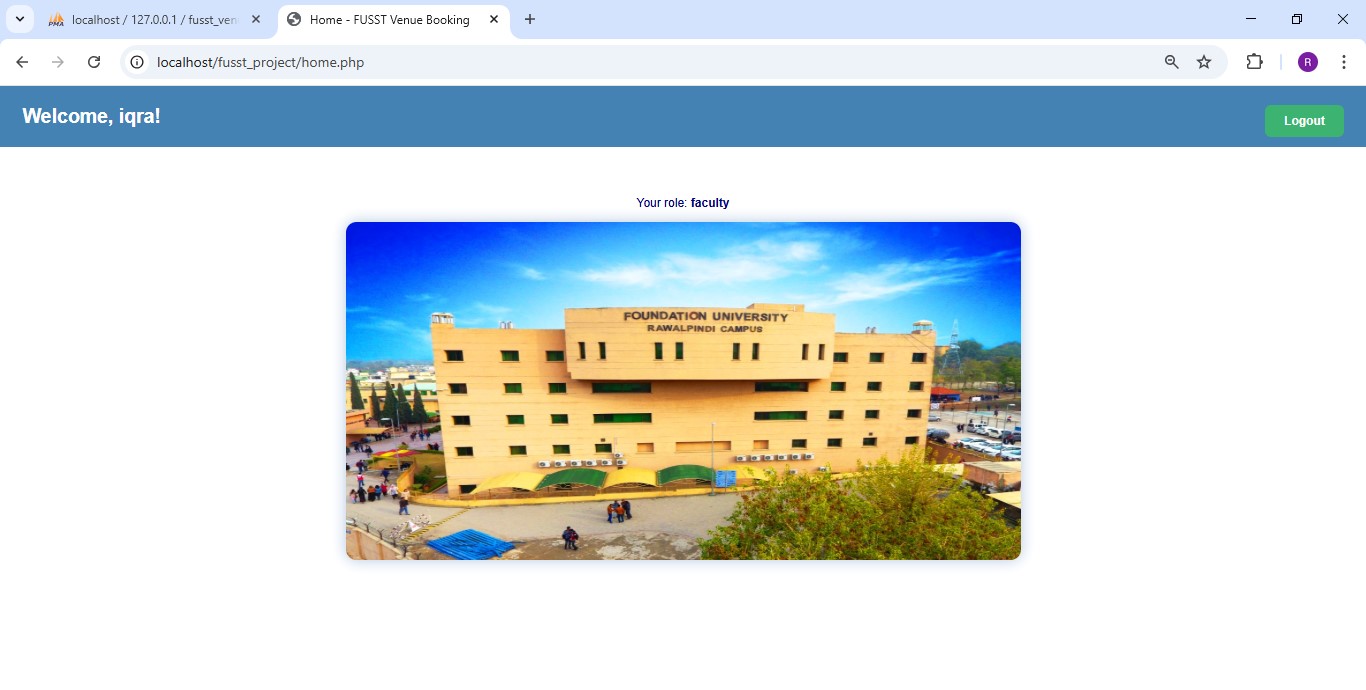
die("Connection failed: " . $conn->connect\_error);

}

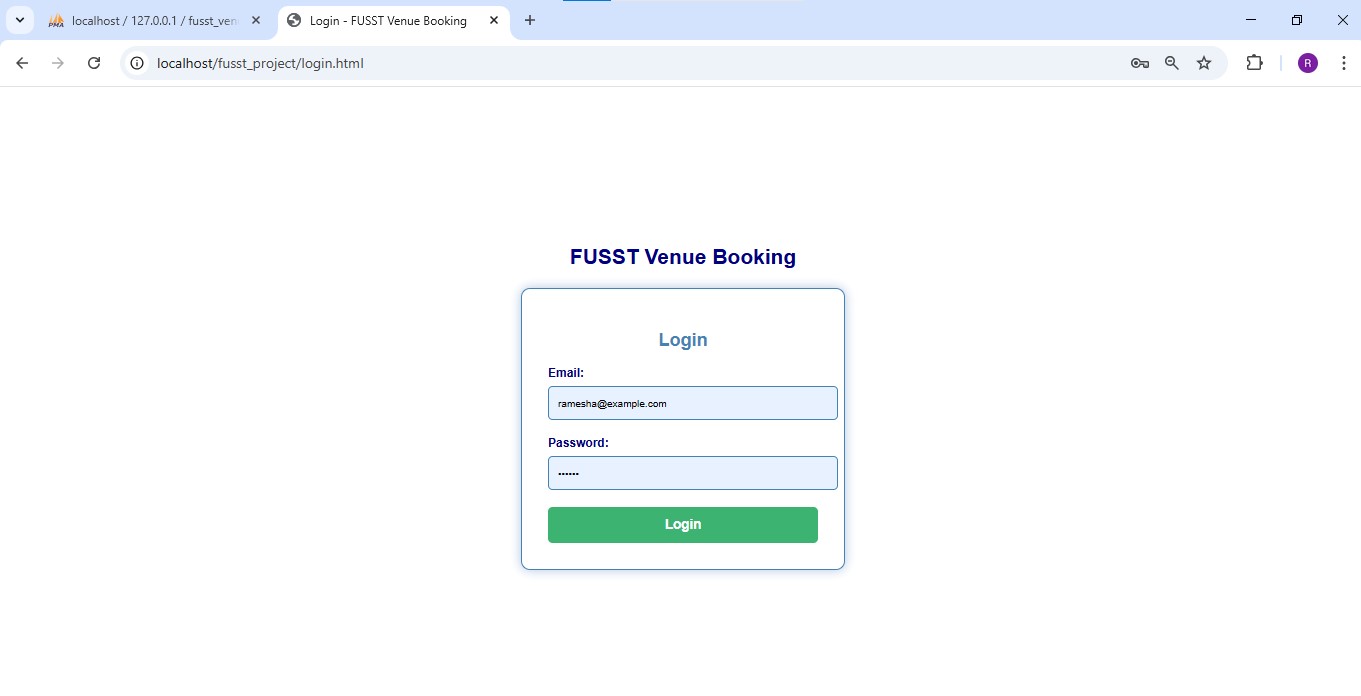
?>



## Figure 1: Login Page



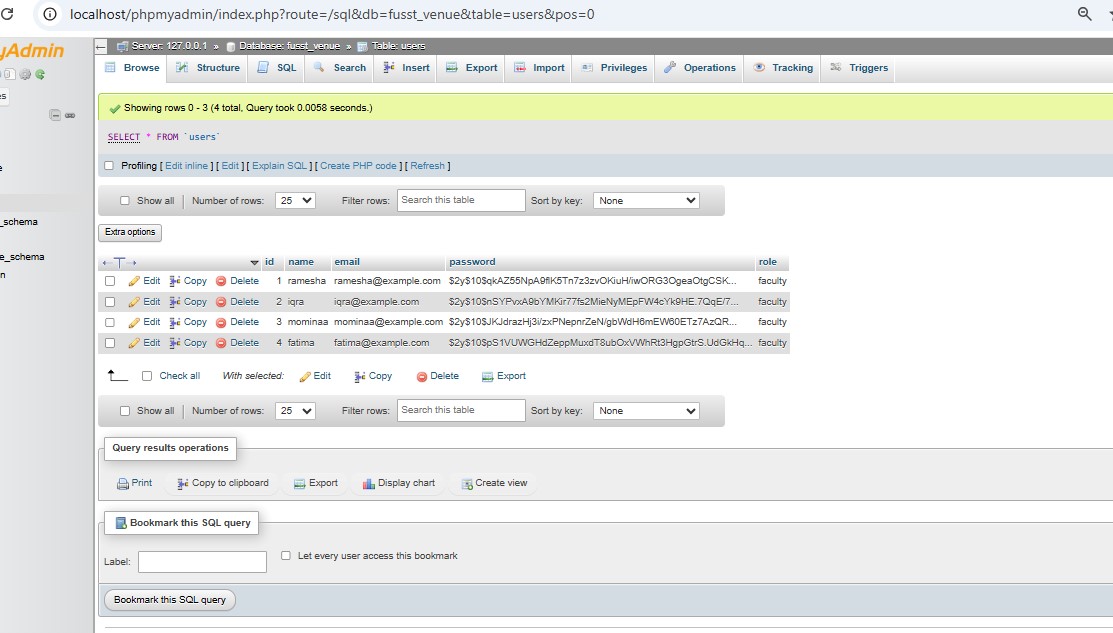
## Figure 2: Home Page



## Figure 3: logout Page

**Logout:**

If you press the logout button, it will take you to the login screen.



*Figure 4: Database users table*