

# Assignment No. 7

**Class: TYBTECH B**

**Branch: CSE**

## a. User registration using php and MySQL

### Code:

#### Index.php

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Form</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
    }

    #root {
      display: flex;
      height: 100svh;
      justify-content: center;
      align-items: center;
    }

    .container {
      width: 400px;
      display: grid;
      padding: 20px;
      background-color: #fff;
      border-radius: 5px;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
    }
  </style>
</head>

<body>
  <div id="root">
    <div class="container">
      <h2>Registration Form</h2>
      <form>
        <input type="text" value="Name" />
        <input type="password" value="Password" />
        <input type="password" value="Confirm Password" />
        <input type="submit" value="Register" />
      </form>
    </div>
  </div>
</body>
</html>
```

```

    }

    .container h2 {
        text-align: center;
        margin-bottom: 20px;
    }

    .form-group {
        display: grid;
        margin-bottom: 1rem;
    }

    .form-group label {
        display: block;
        font-weight: bold;
        margin-bottom: 5px;
    }

    .form-group input {
        padding: 10px;
        border: 1px solid #ccc;
        border-radius: 4px;
    }

    .form-group button {
        width: 100%;
        padding: 10px;
        background-color: #4CAF50;
        color: #fff;
        font-style: 600;
        font-size: 1.2rem;
        border: none;
        border-radius: 4px;
        cursor: pointer;
    }
</style>
</head>

<body>
    <div id="root">
        <div class="container">
            <h2>Registration Form using PHP</h2>
            <form action="process-registration.php" method="POST">
                <div class="form-group">
                    <label for="username">Username</label>
                    <input type="text" id="username" name="username">
                </div>
                <div class="form-group">
                    <label for="email">Email</label>
                    <input type="email" id="email" name="email">
                </div>
            </form>
        </div>
    </div>

```

```

        </div>
        <div class="form-group">
            <label for="password">Password</label>
            <input type="password" id="password" name="password">
        </div>
        <div class="form-group">
            <label for="c-password">Confirm Password</label>
            <input type="password" id="c-password" name="c-password">
        </div>
        <div class="form-group">
            <button type="submit">Register</button>
        </div>
    </form>
</div>
</div>
</body>
</html>

```

## process-registration.php

```

<?php

// Form validation
$username = $_POST['username'];
$email = $_POST['email'];
$password = $_POST['password'];
$c_password = $_POST['c-password'];

if(!isset($username) || empty($username)) {
    echo('Username is required <br>');
}

if(!isset($email) || empty($email)) {
    echo('Email is required <br>');
}

if(!isset($password) || empty($password)) {
    echo('Password is required <br>');
}

if(!isset($c_password) || empty($c_password)) {
    die('Confirm Password is required <br>');
}

```

```
if ($password !== $c_password) {
    die('Password and Confirm Password do not match');
}

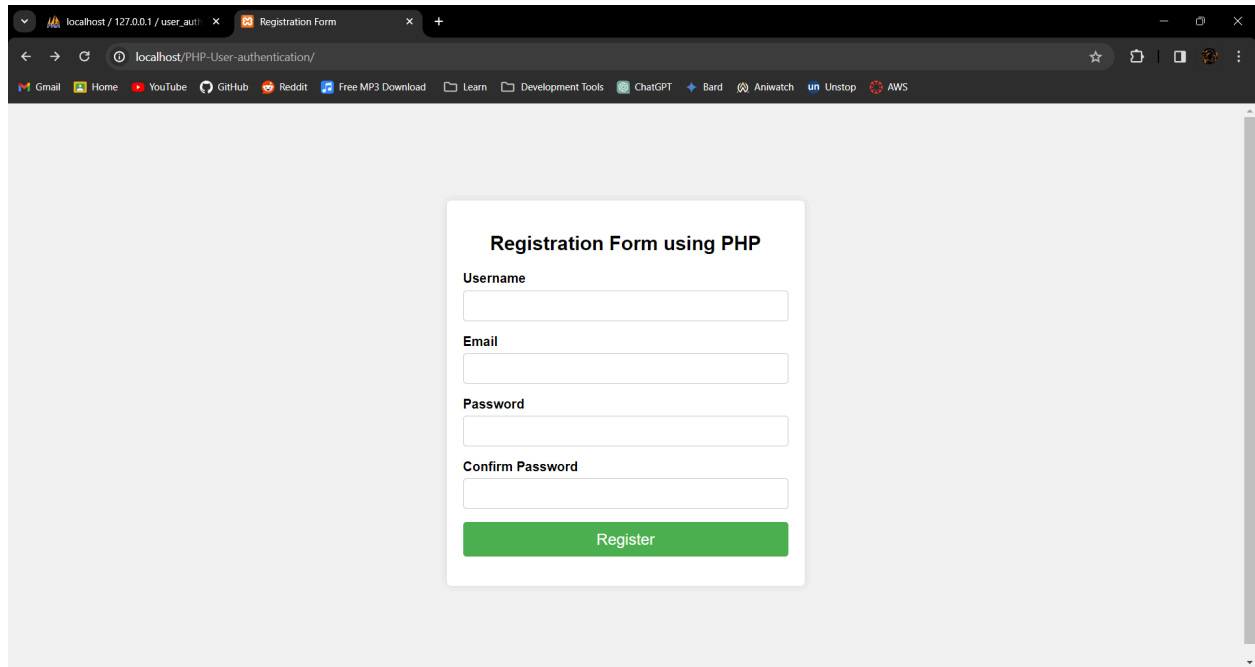
// All connection variables
$hostname = 'localhost';
$username = 'root';
$password = '';
$dbname = 'user_auth';

$connect = mysqli_connect($hostname, $username, $password, $dbname);

// Check connection to MySQL database and return error message if connection failed
if ($connect->connect_error) {
    die('Connection failed: ' . $connect->connect_error);
}

// Insert data into MySQL database
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $my_query = "INSERT INTO accounts (username,password,email) VALUES
('$username','$password','$email')";
    if ($connect->query($my_query) === TRUE) {
        echo ('Registration successful! <br>');
        echo ('Data which has been inserted: <br>');
        echo ('Username: ' . $username . '<br>');
        echo ('Email: ' . $email . '<br>');
        echo ('Password: ' . $password . '<br>');
    } else {
        echo ('Error: ' . $my_query . '<br>' . $connect->error);
    }
}
```

# Form View



The screenshot shows a web browser window with two tabs. The active tab is titled 'Registration Form' and shows a registration form titled 'Registration Form using PHP'. The form is centered on a light gray background. It contains four input fields: 'Username', 'Email', 'Password', and 'Confirm Password'. Below these fields is a green button labeled 'Register'. The browser's address bar shows 'localhost/PHP-User-authentication/'. The browser's toolbar includes various icons for Gmail, Home, YouTube, GitHub, Reddit, Free MP3 Download, Learn, Development Tools, ChatGPT, Bard, Aniwatch, Unstop, and AWS.

Registration Form using PHP

Username

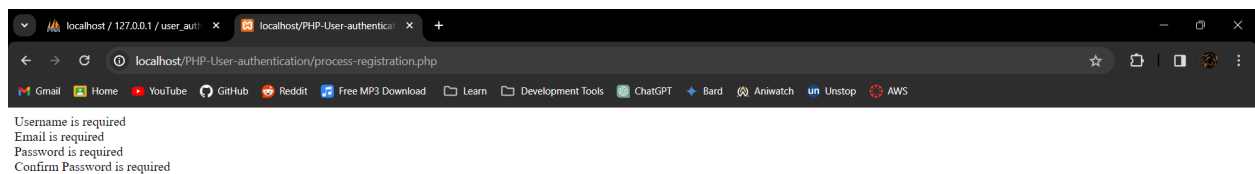
Email

Password

Confirm Password

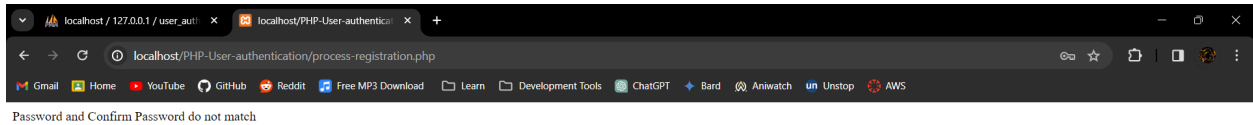
Register

# Error View

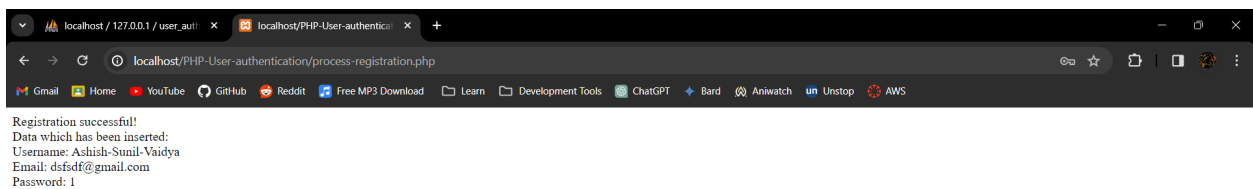


The screenshot shows a web browser window with two tabs. The active tab is titled 'localhost/PHP-User-authentication/process-registration.php'. The page displays an error message in a simple, plain font. The message lists four requirements: 'Username is required', 'Email is required', 'Password is required', and 'Confirm Password is required'. The browser's address bar shows 'localhost/PHP-User-authentication/process-registration.php'. The browser's toolbar includes various icons for Gmail, Home, YouTube, GitHub, Reddit, Free MP3 Download, Learn, Development Tools, ChatGPT, Bard, Aniwatch, Unstop, and AWS.

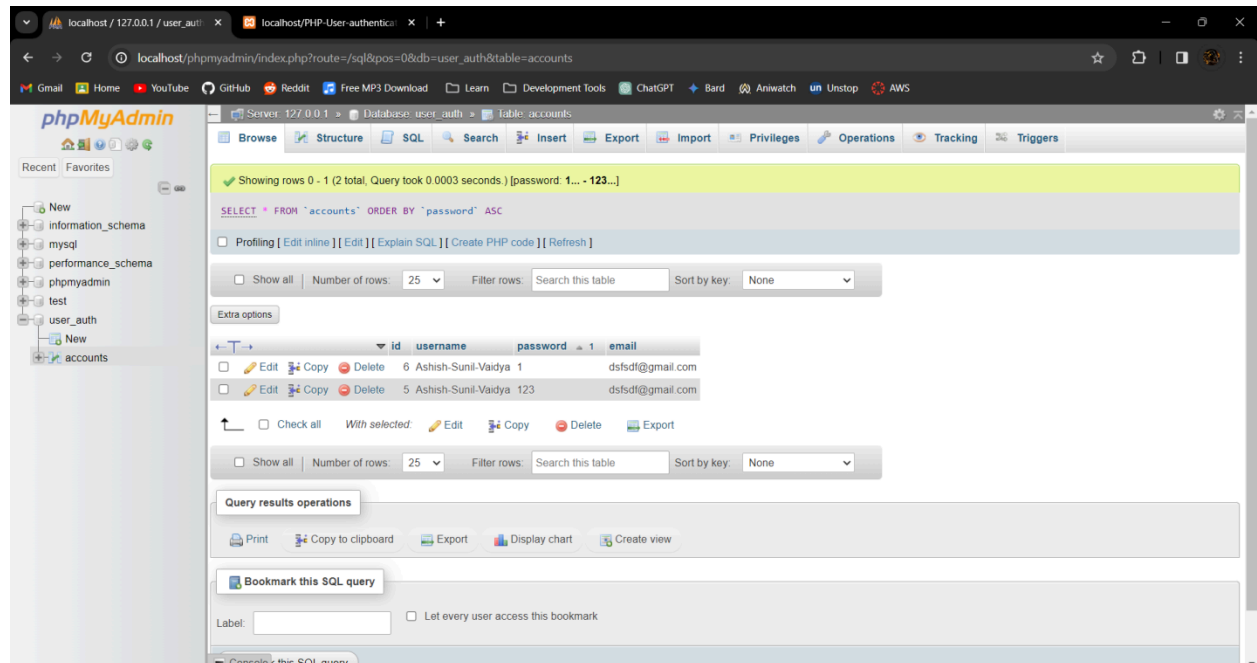
Username is required  
Email is required  
Password is required  
Confirm Password is required



## When Registered



## Xampp View



## b. Session Management with user authentication