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| **Logo_Baru-Rasmi_UUM_02** | STIJ3074: Web Programming Semester A201School of Computing, CAS, UUM |
| Lab 2 – Pset 2 | |
| Date given: 11/11/2020 9.00 AM  Submission date :**12/11/2020 9.00 AM** | |

Instruction:

**Problem 1:**

From Pset 1 html **registration.html** form, add javascript functionality to check each input validation. Before form submission make sure that the email format structure is check and verified. Password text input validation should check if the input contain **small letter**, **capital letter** and **numbers**. For phone number input field make sure the **phone number** length is **more than 10** with all **numbers** only. Don’t allow submission if no text is given for all fields.

**Problem 2:**

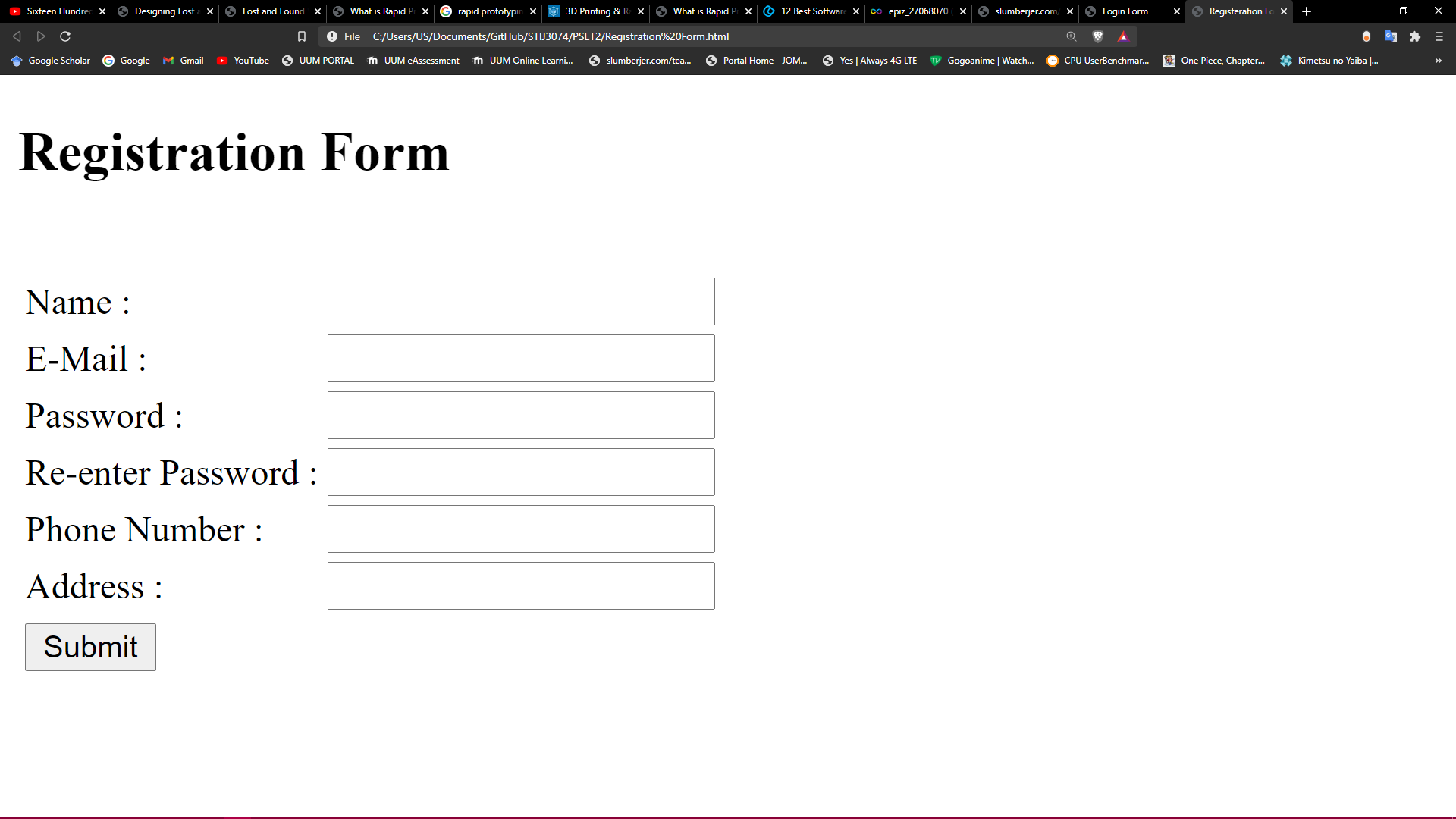
Create a simple login page called **login.html** and add a form with username (email) and password and set the form submission to **register.php**. Before form submission make sure that the email format structure is check and verified. Password text input validation should check if the input contain **small letter**, **capital letter** and **numbers** before allowing the form to be submitted. Don’t allow submission if no input text is given. Add a link to the bottom of the form to go to html registration form in problem 1.

Submission:

1. Upload both your html forms to your webhosting under **/stij3074/pset2/** folder directory.
2. Create a word document and print screen both form in problem 1 and problem 2. Html script for both problem 1 and problem 2.
3. Upload your document to: <http://slumberjer.com/teaching/a201/stij3074/upload/> Fill all the required information correctly.

**Late submission will be not accepted and will not be tolerated and given 0.**

**Registration.html**



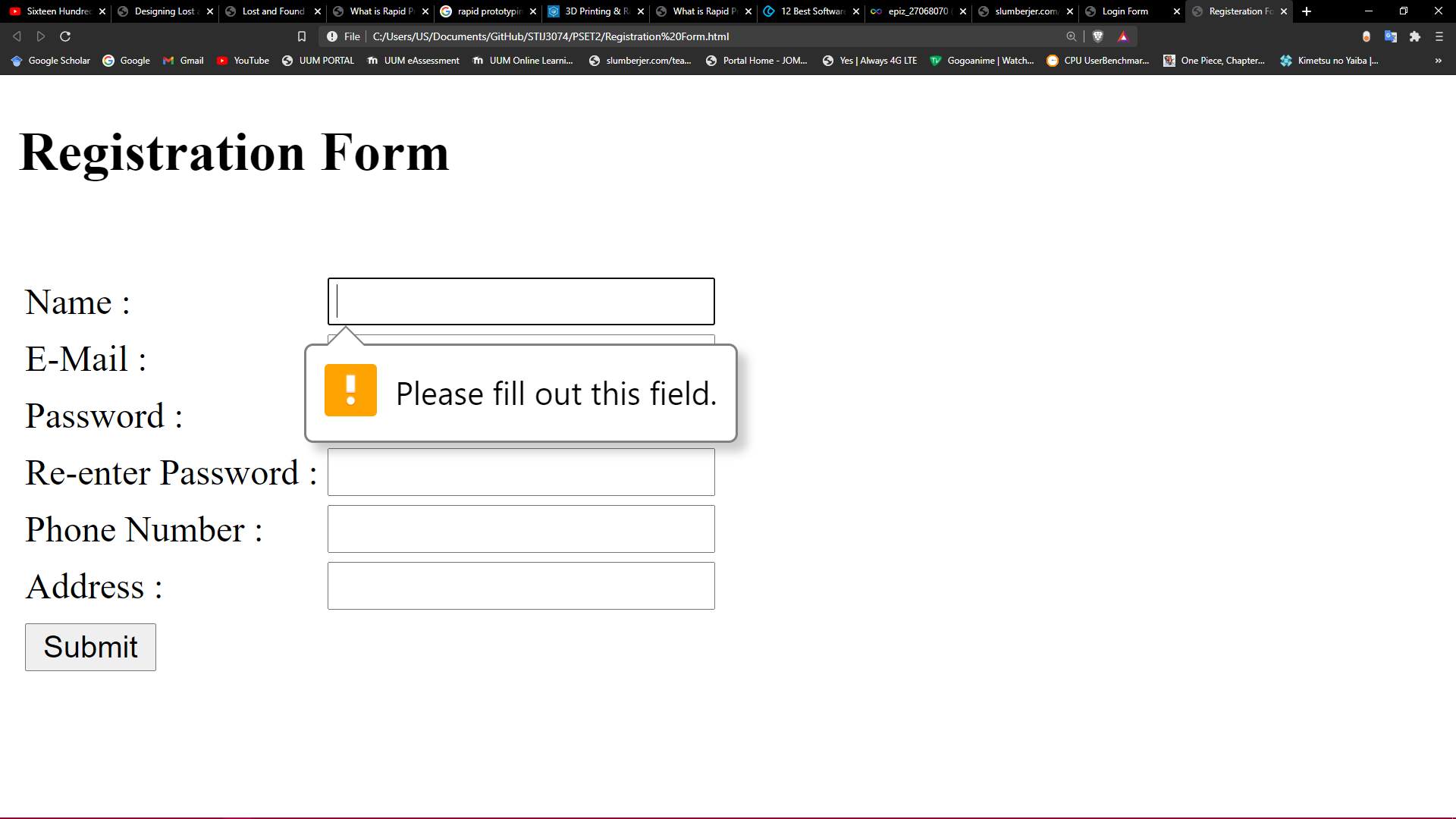
Figure 1: Blank registration form

Figure 2:Null name collumn.

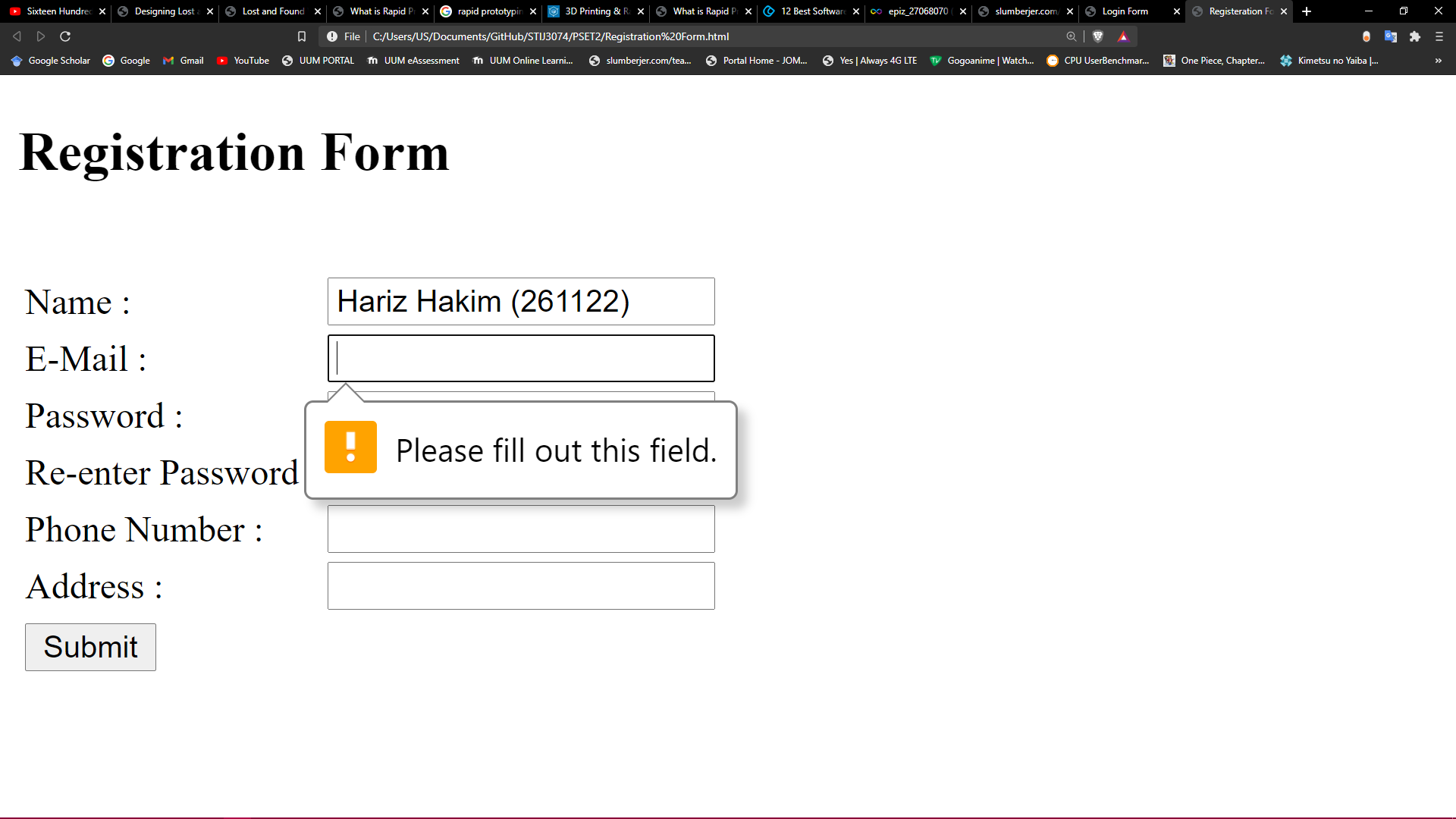
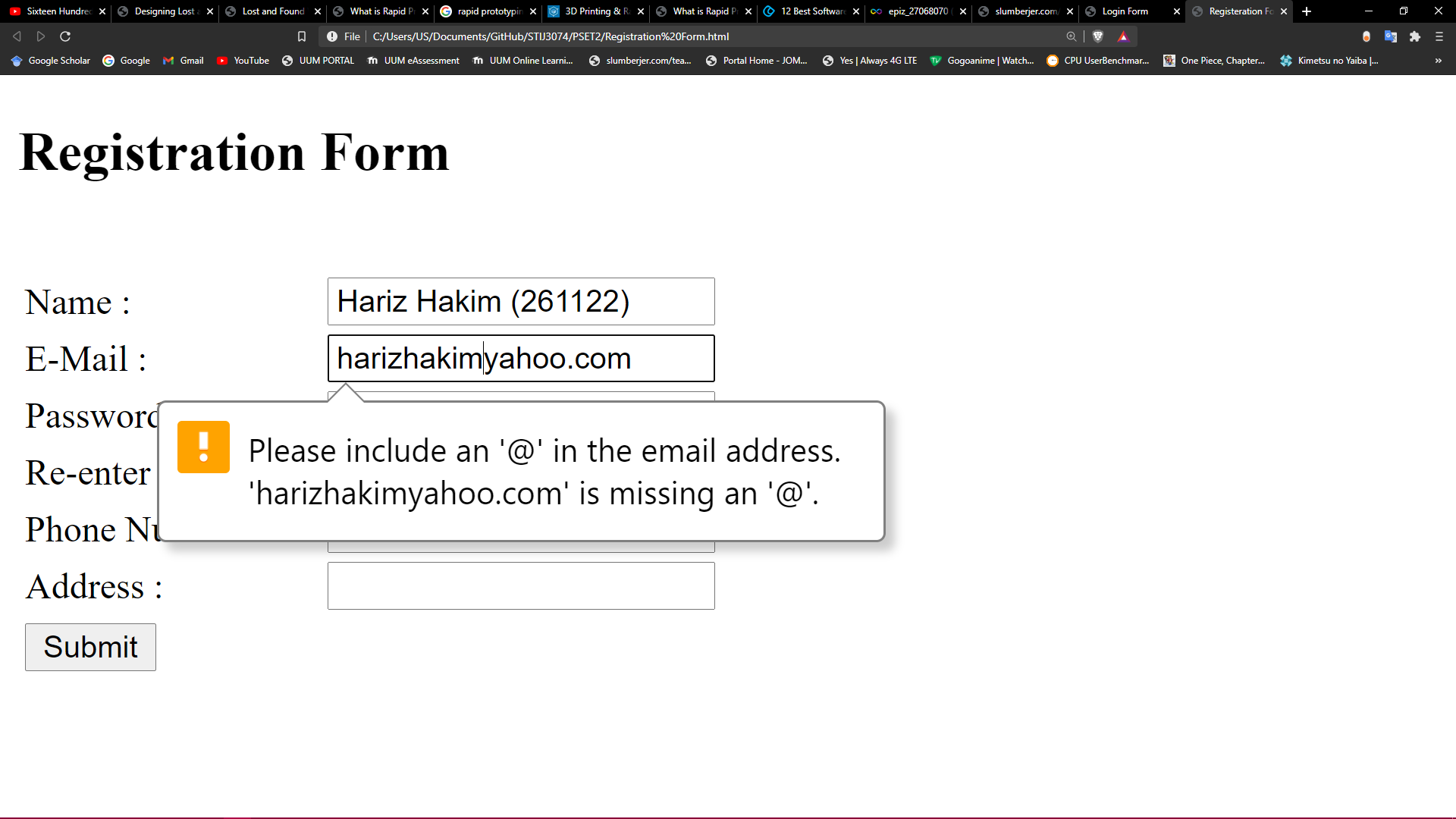


Figure 4: The e-mail does not meet the proper format.

Figure 3: Null e-mail column.

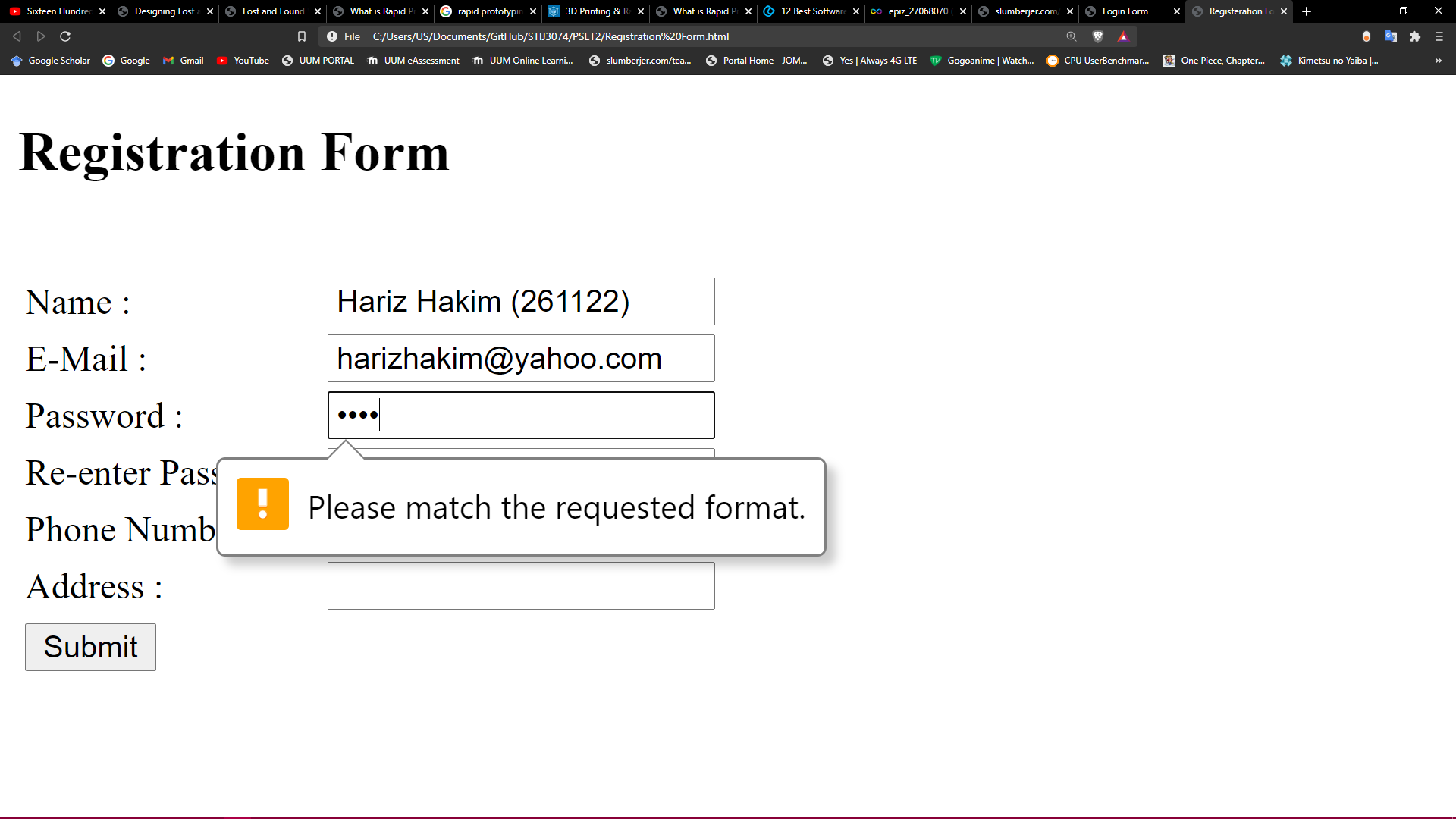
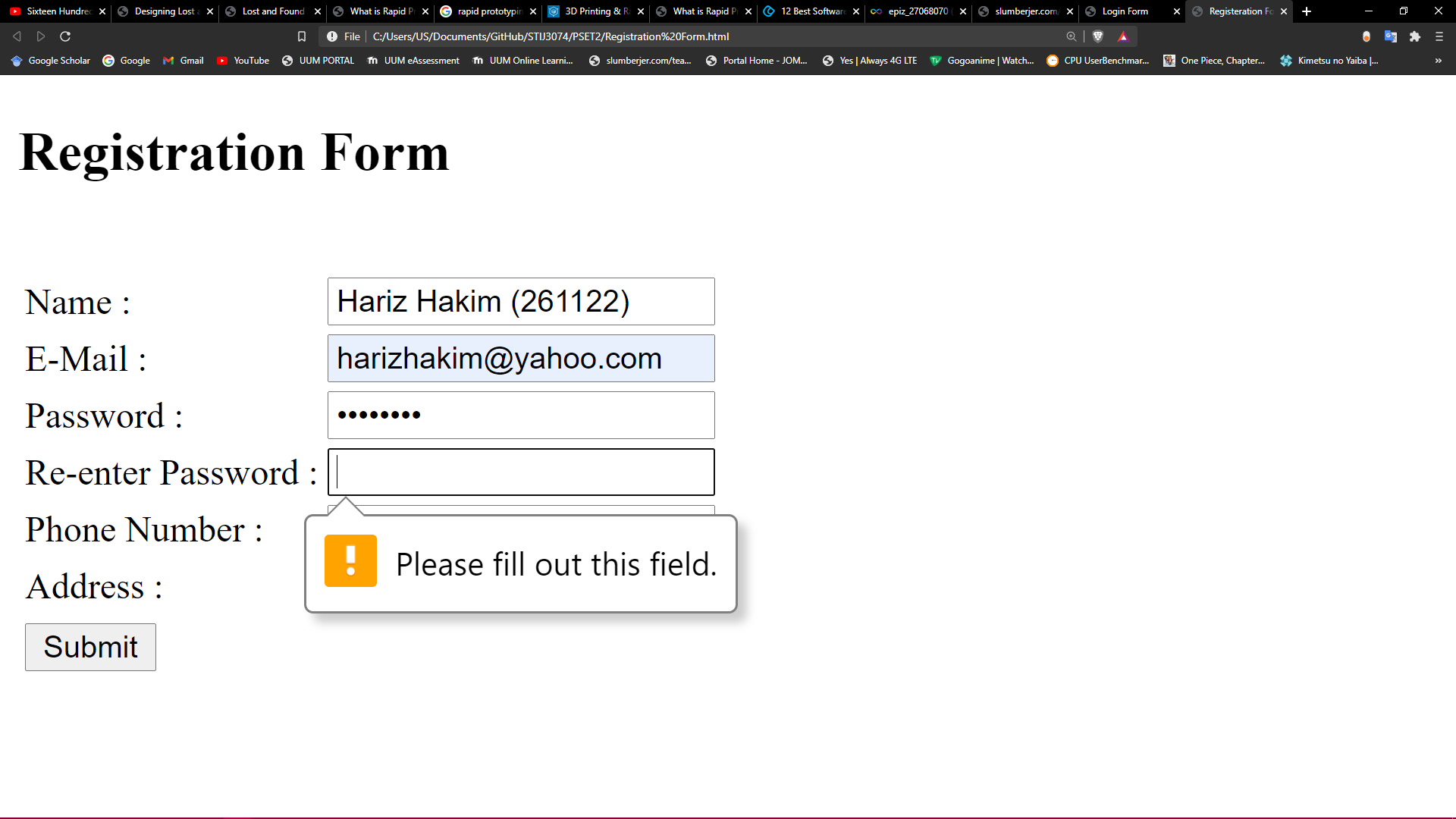


Figure 6: Null e-mail confirmation collumn.

Figure 5: The password does not reach the requirement.

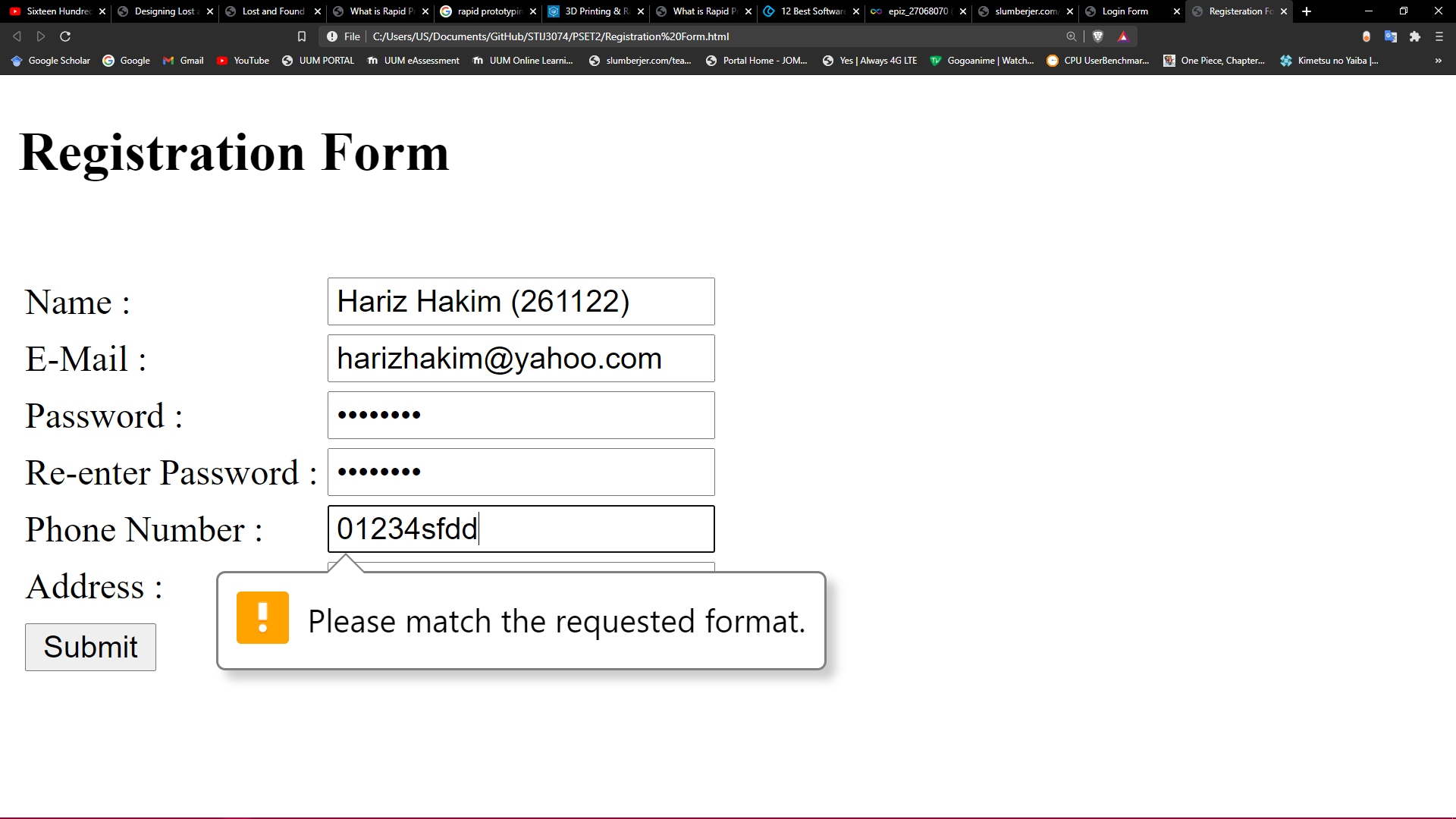
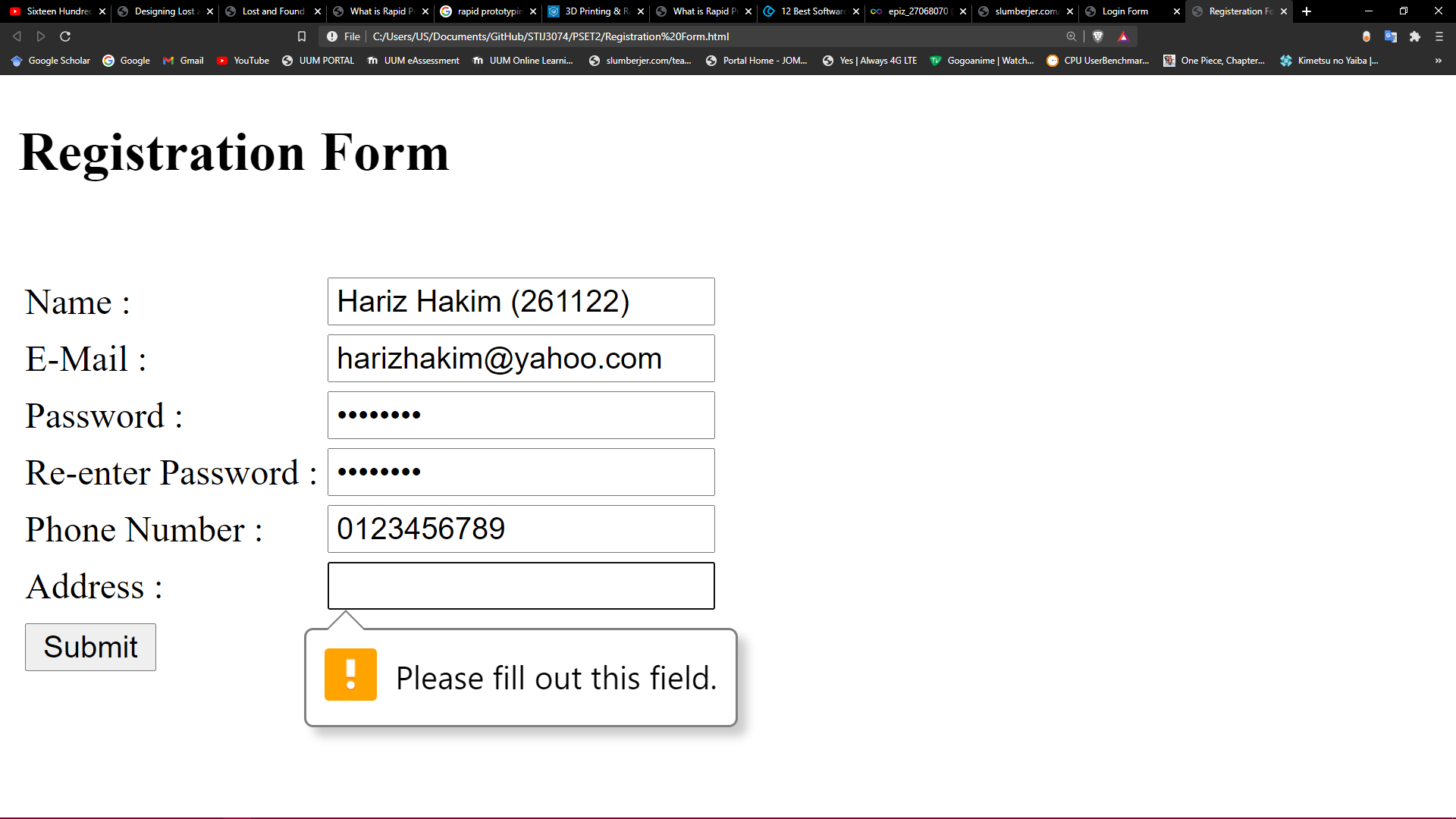


Figure 8: Null address collumn.

Figure 7: The phone number does not meet requirement.

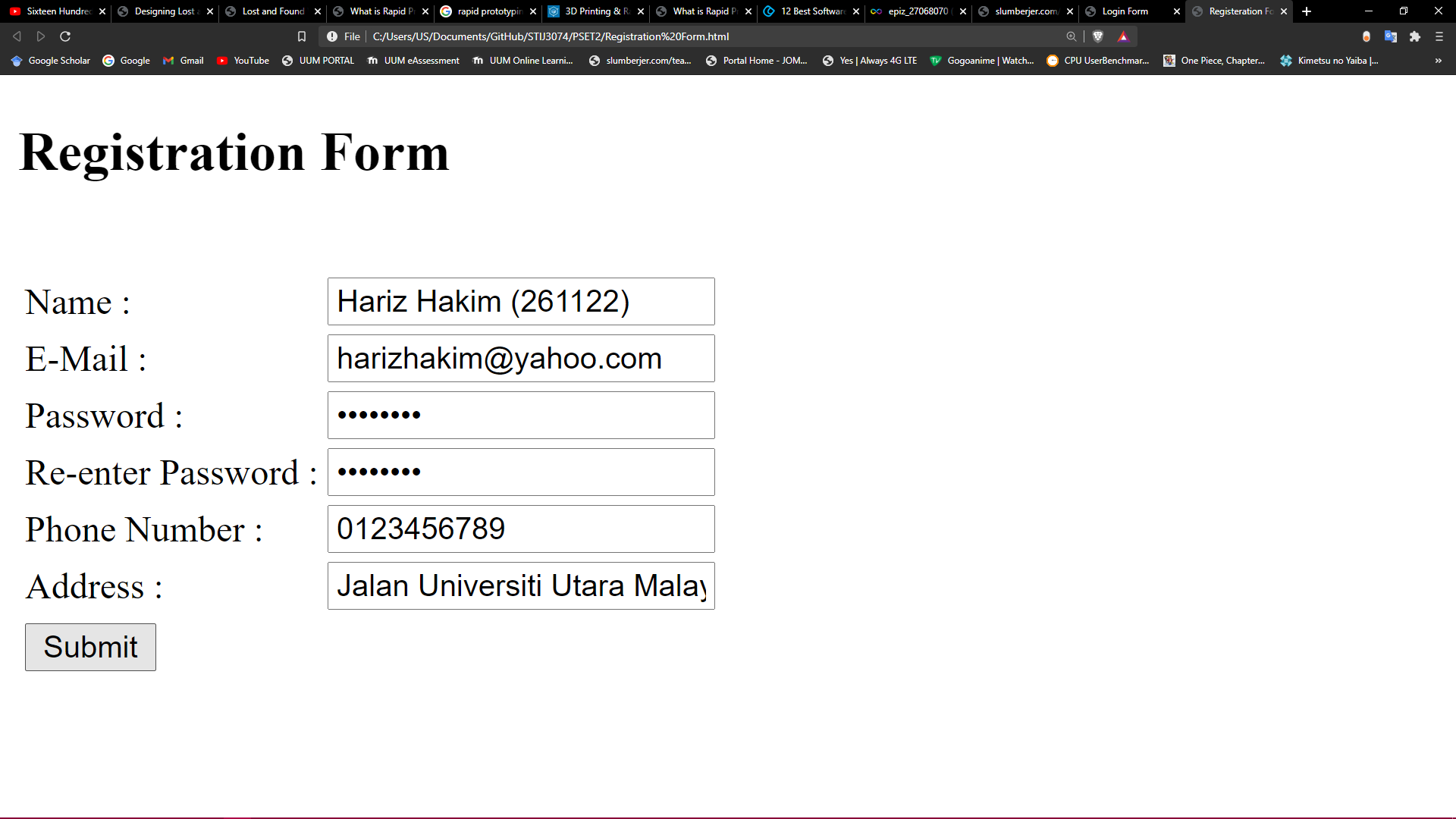


Figure 9: The complete registration form.

**Source Code (Registration Form)**

<!DOCTYPE html>

<html lang="en">

<head>

    <meta charset="UTF-8">

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

    <title>Registeration Form</title>

</head>

<body>

    <h2>Registration Form</h2><br>

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

    <table>

        <td><label for="name">Name :</label></td>

        <td><input id="name" type="text" name="name" required>

    <tr>

        <td><label for="email">E-Mail :</label></td>

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

            pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,}$" required></td>

    </tr>

    <tr>

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

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

            pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,}" required></td>

    </tr>

    <tr>

        <td><label for="confirmPassword">Re-enter Password :</label></td>

        <td><input id="confirmPassword" type="password" name="confirmPassword" required></td>

    </tr>

    <tr>

        <td><label for="phoneNumber">Phone Number :</label></td>

        <td><input id="phoneNumber" type="text" name="phoneNumber"

            maxlength="10" pattern="\d{10}" required></td>

        </tr>

    <tr>

        <td><label for="address">Address :</label></td>

        <td><input id="address" type="text" name="address" required>

    <tr>

    <tr>

        <td><input type="submit" value="Submit"></td>

    </tr>

    </table>

    </form>

</body>

</html>

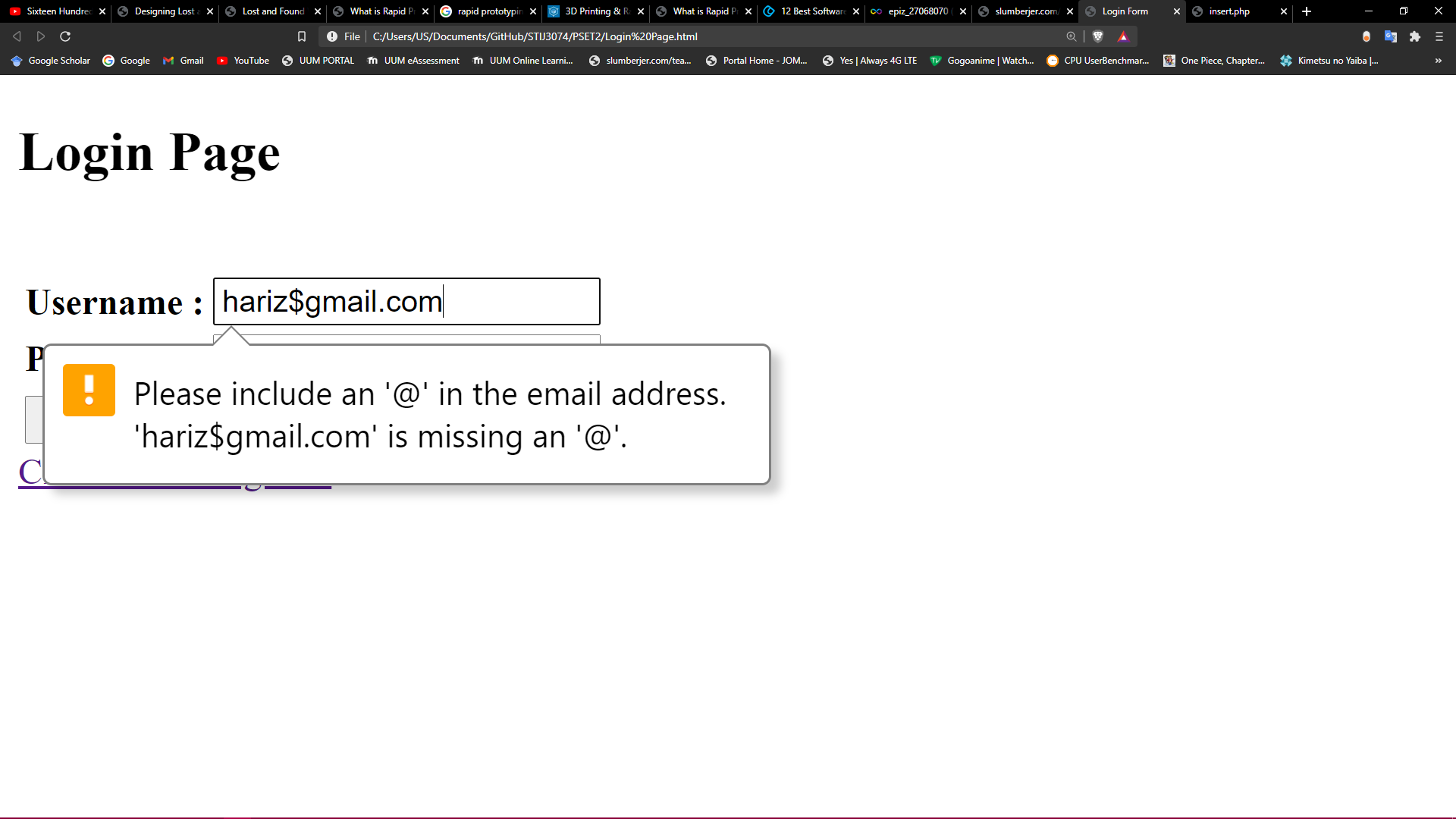
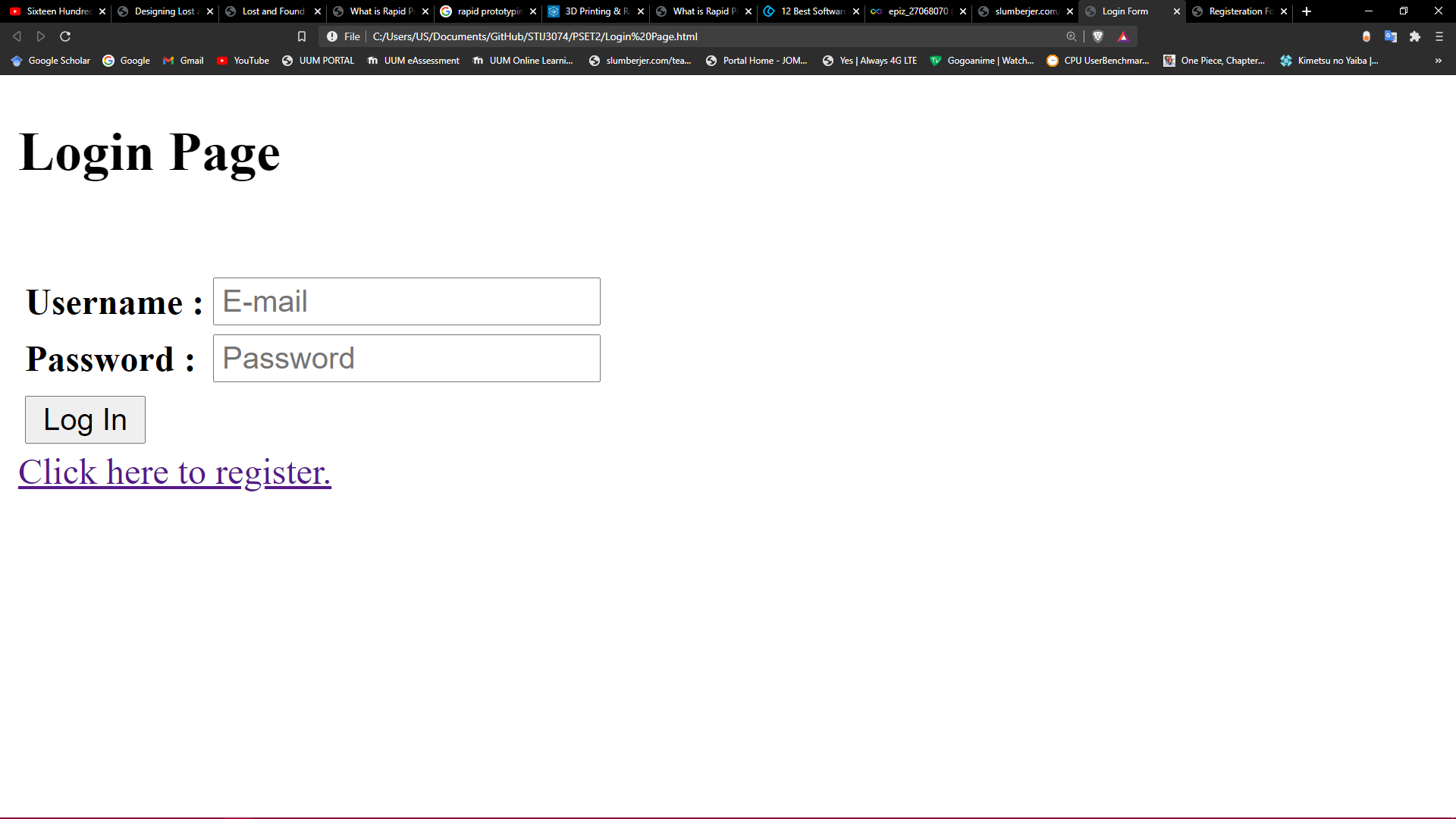
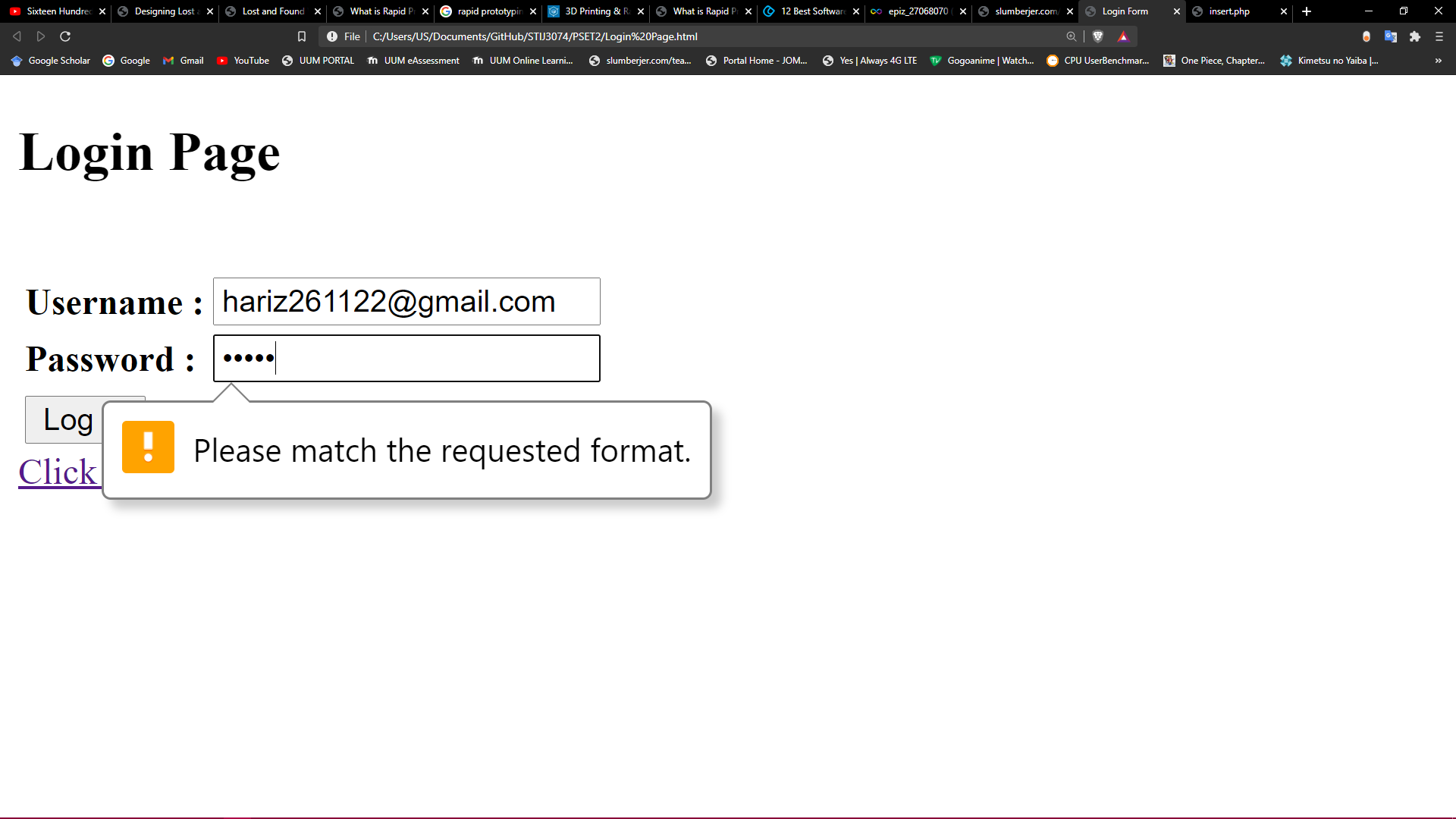
**Login.html**

Figure 10: Blank login page

Figure 11: Invalid e-mail input.

Figure 12: The password does not meet the requirement.

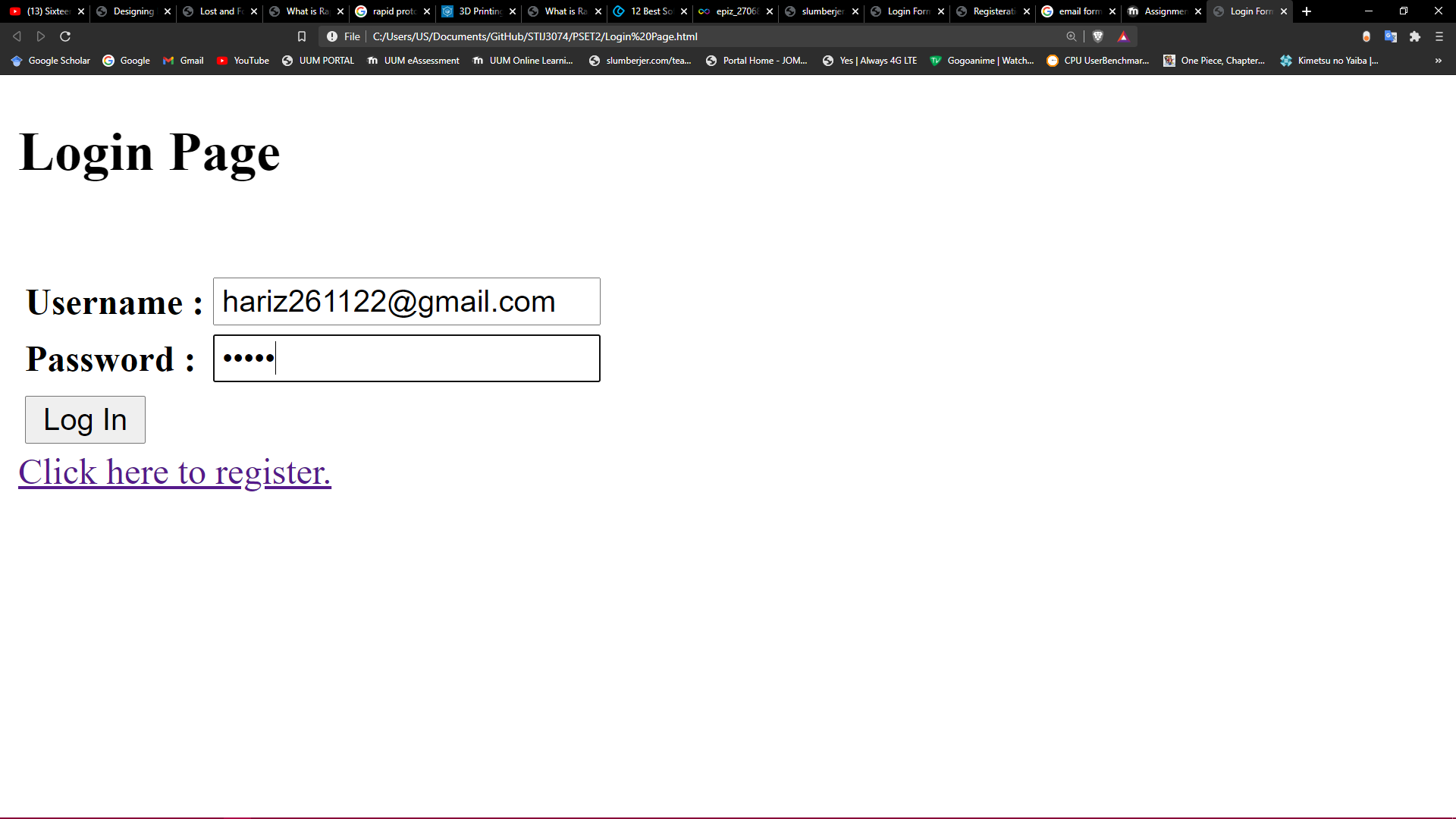


Figure 13: The complete login page with a link to 'Registration Form'.

**Source Code (Login Page)**

<!DOCTYPE html>

<html>

<head>

    <title>Login Form</title>

</head>

<body>

    <h2>Login Page</h2><br>

    <div class="login">

    <form id="login" method="get" action="login.php">

        <table>

            <td><label for="email"><b>Username :</b></label></td>

            <td><input id="email" type="email" name="email" placeholder="E-mail"

                pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,}$" required></td>

            <tr>

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

            <td><input id="password" type="password" name="password" placeholder="Password"

                pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{8,}" required></td>

            <tr>

            <tr>

            <td><input type="submit" value="Log In"></td>

        </table>

    </form>

</div>

<a href="Registration Form.html">Click here to register.</a>

</body>

</html>

**Source Code (script.js)**

const name = document.getElementById('name')

const email = document.getElementById('email')

const password = document.getElementById('password')

const confirm\_password = document.getElementById('confirm\_password')

const phoneNumber = document.getElementById('phoneNumber')

const address = document.getElementById('address')

const form = document.getElementById('form')

const errorElement = document.getElementById('error')

password.onchange = validatePassword;

confirm\_password.onkeyup = validatePassword;

  form.addEventListener('submit', (e) => {

    let messages = []

    if (name.value === '' || name.value == null) {

      messages.push('Name is required')

    }

    if(confirm\_password.value != password.value) {

        messages.push('Passwords do not match. Please try again')

      }

    if (messages.length > 0) {

      e.preventDefault()

      errorElement.innerText = messages.join(', ')

    }

  })

**Source Code (insert.php)**

<?php

$name = $\_POST['name'];

$email = $\_POST['email'];

$password = $\_POST['password'];

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

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

$address = $\_POST['address'];

if(!empty($name) || !empty($email) || !empty($)) || !empty($password) ||

 !empty($confirmPassword) || !empty($phoneNumber) || !empty($address)) {

     $host = "localhost";

     $dbUsername = "root";

     $dbPassword = "";

     $dbName = "stij3074";

     $conn = new mysql\_connect($host, $dbUsername, $dbPassword, $dbName);

     if (mysql\_connect\_error()) {

        die('Connect Error('. mysql\_connect\_error().')'. mysql\_connect\_error());

    } else {

        $SELECT = "SELECT email From registration\_form Where email = ? Limit 1";

        $INSERT = "INSERT Into registration\_form (name, email, password, confirmPassword, phoneNumber, address)

            values(?, ?, ?, ?, ?, ?)";

        //Prepare statement

     $stmt = $conn->prepare($SELECT);

     $stmt->bind\_param("s", $email);

     $stmt->execute();

     $stmt->bind\_result($email);

     $stmt->store\_result();

     $stmt->store\_result();

     $stmt->fetch();

     $rnum = $stmt->num\_rows;

     if ($rnum==0) {

      $stmt->close();

      $stmt = $conn->prepare($INSERT);

      $stmt->bind\_param("ssssii", $name, $email, $password, $confirmPassword, $phoneNumber, $address);

      $stmt->execute();

      echo "New record inserted sucessfully";

     } else {

      echo "Someone already register using this email";

     }

     $stmt->close();

     $conn->close();

    }

} else {

     echo "All field are required";

     die();

 }

?>