PRACTICAL :- 11
AIM :- Mini Project (Part 1: Front End)

Develop a website for registration of newly admitted students. The site should contain following pages:

1. Student Sign-up Page :-

1.1 Create signup.html file

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Sign-up</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <div class="container">
    <form id="signup-form" action="signup.php" method="POST">
      <h2>Student Sign-up</h2>
      <div class="form-group">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required>
      </div>
      <div class="form-group">
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required>
      </div>
      <div class="form-group">
        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required>
      </div>
      <button type="submit">Sign Up</button>
```

```html
        <div class="links">
           <p>Already have an account? <a href="login.html">Login</a></p>
           <p>Forgot your password? <a href="forgot password.html">Forgot Password</a></p>
        </div>


   </div>
   <script src="signup.js"></script>
</body>


</html>
```

1.2 create style.css file

```css
body {
   font-family: Arial, sans-serif;
   background-color: #f2f2f2;
   margin: 0;
   padding: 0;
   margin-top: 100px;
}

.container {
   max-width: 400px;
   margin: 0 auto;
   padding: 20px;
   background-color: #fff;
   border-radius: 5px;
   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
}

h2 {
   text-align: center;
   color: #333;
}

.form-group {
   margin-bottom: 20px;
}

label {
   display: block;
   font-weight: bold;
   margin-bottom: 5px;
```

```css
}

input[type="text"],
input[type="email"],
input[type="password"] {
    width: 100%;
    padding: 10px;
    border: 1px solid #ccc;
    border-radius: 3px;
    outline: none;
}

button {
    width: 100%;
    padding: 10px;
    background-color: #007BFF;
    color: #fff;
    border: none;
    border-radius: 3px;
    cursor: pointer;
}

.links {
    margin-top: 20px;
    text-align: center;
}

.links a {
    color: #007BFF;
    text-decoration: none;
}

.links a:hover {
    text-decoration: underline;
}

#message {
    margin-top: 10px;
    padding: 10px;
    text-align: center;
    background-color: #4CAF50;
    color: white;
    border-radius: 5px;
}
```

```
.hidden {
   display: none;
}
```

1.3 create signup.js file

```javascript
document.addEventListener('DOMContentLoaded', function() {
   const signupForm = document.getElementById('signup-form');
   const registrationForm = document.getElementById('registration-form');
   const message = document.getElementById('message');
   const submitButton = document.getElementById('submit-button');

   submitButton.addEventListener('click', function(event) {
      event.preventDefault(); // Prevent the form from submitting

      const username = signupForm.querySelector('#username').value.trim();
      const password = signupForm.querySelector('#password').value.trim();
      const email = signupForm.querySelector('#email').value.trim();

      // Validate the signup form inputs here (you can add more validation as needed)
      if (username === '' || password === '' || email === '') {
         showMessage('Please fill in all fields.', 'error');
         return;
      }

      // Simulate a successful signup process
      // In a real application, this is where you'd make an AJAX request to the server

      // Display the success message on the signup page
      showMessage('You are registered successfully!', 'success');
   });

   function showMessage(text, type) {
      message.textContent = text;
      message.classList.remove('hidden');
      message.classList.add(type);

      // Clear the message after a few seconds
      setTimeout(function() {
         message.textContent = '';
         message.classList.add('hidden');
         message.classList.remove(type);
      }, 5000);
   }});
```
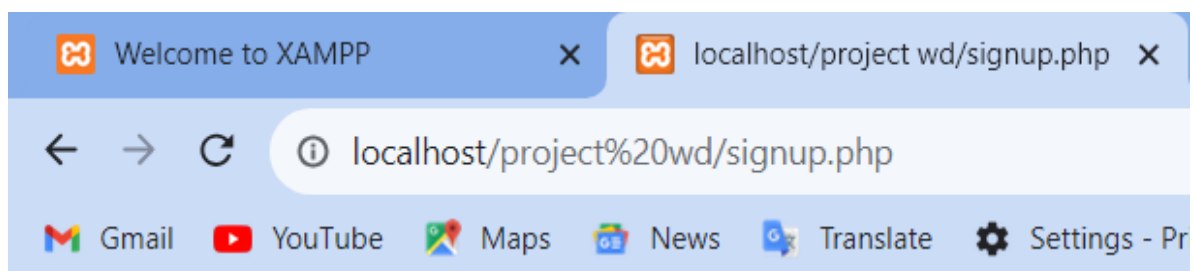
OUTPUT :-

Student Sign-up

Username:

amanvahora17

Email:

amanvahora017@gmail.com

Password:

•••••••••••

Sign Up

Already have an account? Login

Forgot your password? Forgot Password

Welcome to XAMPP ✕   localhost/project wd/signup.php ✕

← → C ⓘ localhost/project%20wd/signup.php

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registered successful. Welcome, amanvahora17!

2. Student Login Page

2.1 create login.html file

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

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Student Login</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <div class="container">
        <form id="login-form" action="login.php" method="POST">
            <h2>Student Login</h2>
            <div class="form-group">
                <label for="username">Username:</label>
                <input type="text" id="username" name="username" required>
            </div>
            <div class="form-group">
                <label for="password">Password:</label>
                <input type="password" id="password" name="password" required>
            </div>
            <button type="submit">Login</button>
        </form>
        <div class="links">
            <p>Don't have an account? <a href="signup.html">Sign Up</a></p>
            <p>Forgot your password? <a href="forgot password.html">Forgot Password</a></p>
        </div>
    </div>
    <script src="login.js"></script>
</body>

</html>
```

2.2 login css file same as signup style.css

2.3 create login.js file

```
document.addEventListener("DOMContentLoaded", function() {
    // Get a reference to the login form
    const loginForm = document.getElementById("login-form");

    // Add an event listener to the form's submit button
    loginForm.addEventListener("submit", function(e) {
        e.preventDefault(); // Prevent the default form submission

        // Get the values of the username and password input fields
        const username = document.getElementById("username").value;
        const password = document.getElementById("password").value;

        // Send the login data to the server using an AJAX request
        const xhr = new XMLHttpRequest();
        xhr.open("POST", "login.php", true);
        xhr.setRequestHeader("Content-type", "application/x-www-form-urlencoded");
        xhr.onreadystatechange = function() {
            if (xhr.readyState === 4 && xhr.status === 200) {
                // The response from the server
                const response = JSON.parse(xhr.responseText);
                if (response.success) {
                    // Redirect to the student portal if login is successful
                    window.location.href = "studentportal.html";
                } else {
                    // Display an error message if login fails
                    alert("Login failed. Please check your username and password.");
                }
            }
        };

        // Send the username and password to the server
        const data =
`username=${encodeURIComponent(username)}&password=${encodeURIComponent(password)
}`;
        xhr.send(data);
    });
});
```

2.4 create login.php file

```php
<?php
if ($_SERVER["REQUEST_METHOD"] === "POST") {
  // Get the posted username and password
  $username = $_POST["username"];
  $password = $_POST["password"];

  // Database connection settings (modify these with your own credentials)
  $dbHost = "localhost";
  $dbUsername = "root";
  $dbPassword = "";
  $dbName = "signup";

  // Create a database connection
  $conn = new mysqli($dbHost, $dbUsername, $dbPassword, $dbName);

  // Check connection
  if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
  }
  // Query the database to retrieve the hashed password for the provided username
  $stmt = $conn->prepare("SELECT id, username, password FROM registration WHERE username = ?");
  $stmt->bind_param("s", $username);
  $stmt->execute();
  $stmt->bind_result($userId, $dbUsername, $hashedPassword);
  $stmt->fetch();
  $stmt->close();

  // Verify the password
  if (password_verify($password, $hashedPassword)) {
    // Password is correct, display a "Login Successful" message
    echo json_encode(["success" => true, "message" => "Login Successful! Welcome, " . htmlspecialchars($dbUsername) . "!"]);
  } else {
    echo json_encode(["success" => false, "message" => "Login Failed. Please check your credentials."]);
```
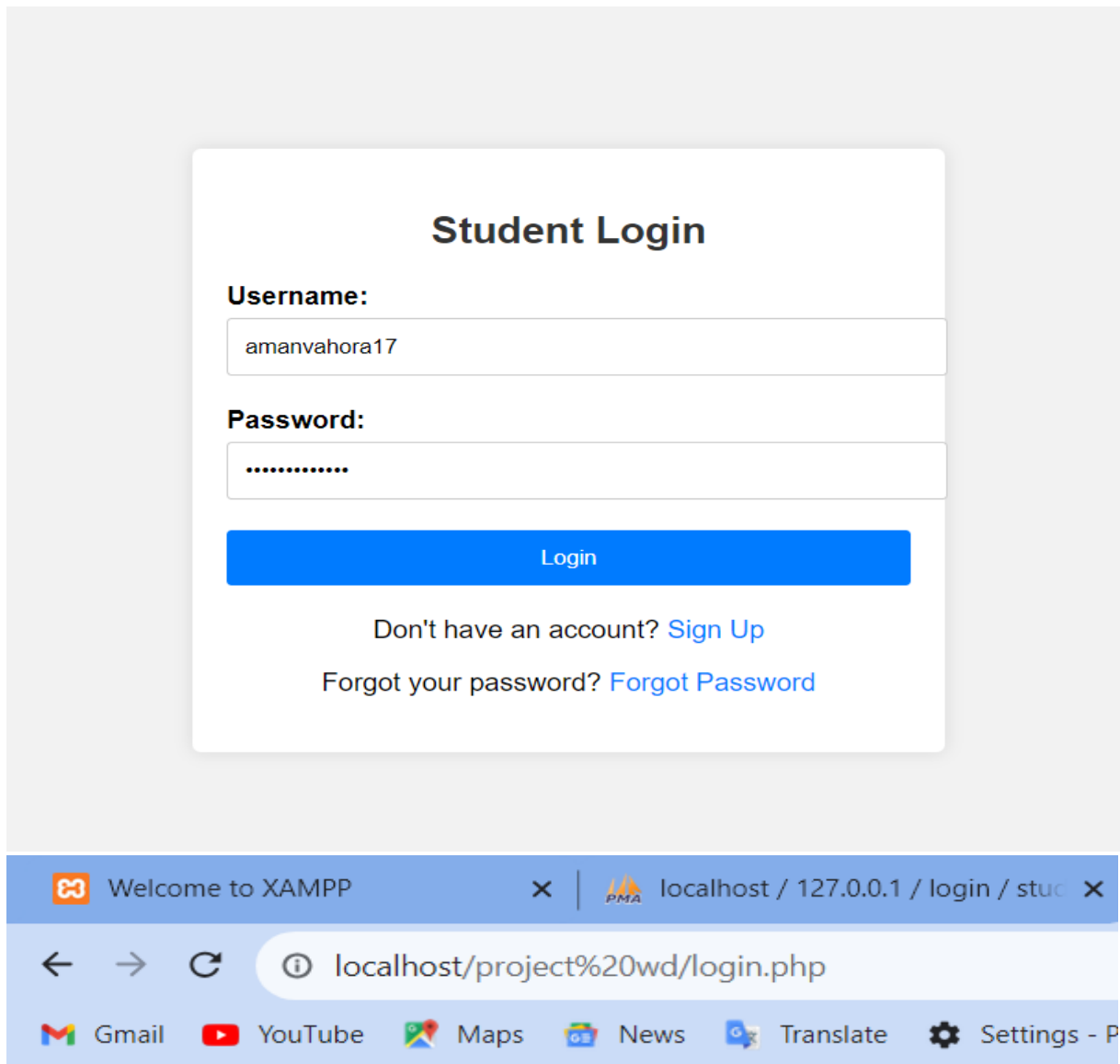
```
    }

    $conn->close();
} else {
    http_response_code(405); // Method Not Allowed
    exit;
}
?>
```

OUTPUT :-

Student Login

Username:

> amanvahora17

Password:

> ············

> **Login**

Don't have an account? Sign Up

Forgot your password? Forgot Password

XAMPP — localhost / 127.0.0.1 / login / stud

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Login Successful! Welcome, amanvahora17!

2.1 in login page we create student portal page

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Portal</title>
  <link rel="stylesheet" href="styles.css">
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.0.0-beta3/css/all.min.css" integrity="sha384-XXVQhqZjhmzSjz7pDvz/N9zp7pg5UnJ/9WpER8KK3ww7L5K39AHm6qLeF5O68F+1K" crossorigin="anonymous">
  <style>
    /* Add your custom styles here */

    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f0f0f0;
    }

    header {
      background-color: #0074D9;
      color: white;
      text-align: center;
      padding: 20px 0;
    }

    .header-content {
      display: flex;
      align-items: center;
      justify-content: center;
    }

    .header-content h1 {
      margin: 0;
```

```css
        font-size: 2rem;
      }

      main {
        max-width: 800px;
        margin: 20px auto;
        padding: 20px;
        background-color: #fff;
        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
        border-radius: 5px;
      }

      .links-container {
        display: flex;
        flex-wrap: wrap;
        justify-content: space-between;
        gap: 20px;
        text-decoration: none;
      }

      .link {
        flex: 1;
        text-align: center;
        padding: 20px;
        background-color: #0074D9;
        color: white;
        border-radius: 5px;
        transition: background-color 0.3s ease;
      }

      .link:hover {
        background-color: #0056b3;
      }

      .icon {
        font-size: 2rem;
      }
```

```
        .link p {
          margin-top: 10px;
          font-weight: bold;
        }


        @media (max-width: 768px) {
          .link {
            flex-basis: calc(50% - 20px);
          }
        }
    </style>
  </head>


  <body>
    <header>
      <div class="header-content">
        <h1>Student Portal</h1>
        <i class="fas fa-graduation-cap icon"></i>
      </div>
    </header>
    <main>
      <div class="links-container">
        <div class="link">
          <a href="student registration.html">
            <i class="fas fa-user-plus icon"></i>
            <p style="text-decoration: none;
            color: white; font-size:20px">Student Registration</p>
          </a>
        </div>
        <div class="link">
          <a href="upload document.html">
            <i class="fas fa-upload icon"></i>
            <p style="text-decoration: none;
            color: white; font-size:20px">Upload Documents</p>
          </a>
        </div>
        <div class="link">
          <a href="edit profile.html">
```
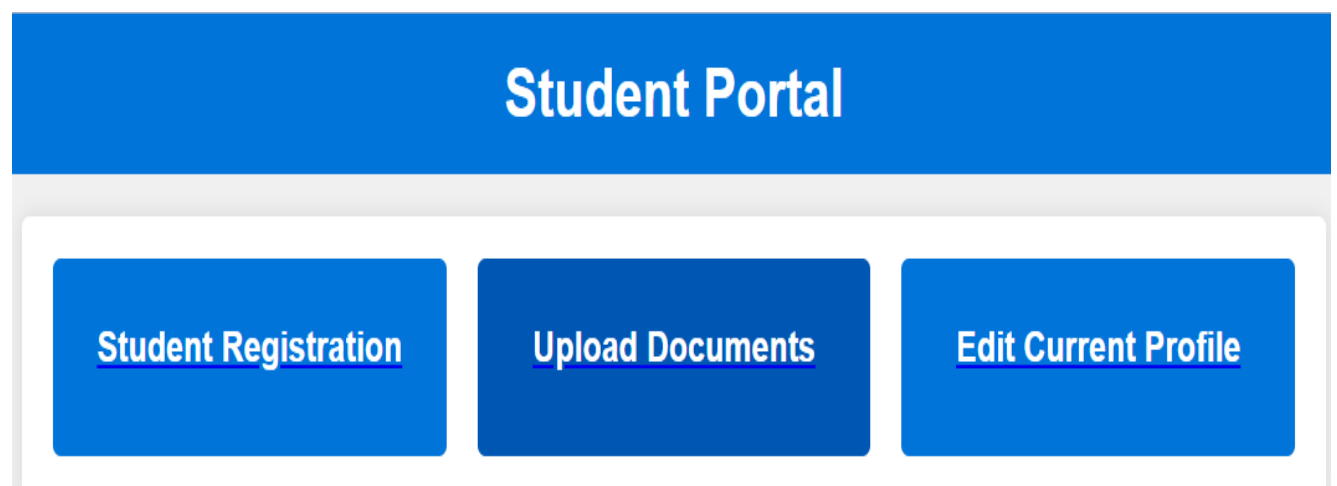
```
        <i class="fas fa-user-edit icon"></i>
        <p style="text-decoration: none;
        color: white; font-size:20px">Edit Current Profile</p>
      </a>
    </div>
  </div>
</main>
</body>

</html>
```

OUTPUT :-

3. Forgot Password Page

3.1 create forgot password.html file

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Password Reset</title>
  <style>
    body {
      font-family: Arial, sans-serif;
```

```css
        margin: 0;
        padding: 0;
        background-color: #f0f0f0;
    }

    .container {
        max-width: 400px;
        margin: 0 auto;
        padding: 20px;
        background-color: #fff;
        box-shadow: 0px 0px 10px rgba(0, 0, 0, 0.1);
        border-radius: 5px;
    }

    h2 {
        text-align: center;
    }

    .form-group {
        margin-bottom: 15px;
    }

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

    input[type="text"],
    input[type="password"],
    input[type="email"] {
        width: 100%;
        padding: 10px;
        border: 1px solid #ccc;
        border-radius: 5px;
    }

    button {
```

```
        display: block;
        width: 100%;
        padding: 10px;
        background-color: #0074D9;
        color: white;
        border: none;
        border-radius: 5px;
        cursor: pointer;
      }

      .links {
        text-align: center;
        margin-top: 20px;
      }

      a {
        text-decoration: none;
        color: #0074D9;
      }
    </style>
  </head>

  <body>
    <div class="container">
      <?php if (!isset($_SESSION["verification_code"])) { ?>
      <!-- Forgot Password Form -->
      <form id="forgot-password-form" action="forgot password.php" method="POST">
        <h2>Forgot Password</h2>
        <div class="form-group">
          <label for="email">Email:</label>
          <input type="email" id="email" name="email" required>
        </div>
        <button type="submit" name="forgot_password_submit">Reset Password</button>
      </form>
      <?php } else { ?>
      <!-- Reset Password Form -->
      <form id="reset-password-form" action="forgot password.php" method="POST">
        <h2>Reset Password</h2>
```

```
      <div class="form-group">
        <label for="verification_code">Verification Code:</label>
        <input type="text" id="verification_code" name="verification_code" required>
      </div>
      <div class="form-group">
        <label for="new_password">New Password:</label>
        <input type="password" id="new_password" name="new_password" required>
      </div>
      <button type="submit" name="reset_password_submit">Reset Password</button>
    </form>
    <?php } ?>
    <div class="links">
      <p>Remember your password? <a href="login.html">Login</a></p>
      <p>Don't have an account? <a href="signup.html">Sign Up</a></p>
    </div>
  </div>
</body>
</html>
```

3.1 create forgot password.js file

```
document.addEventListener('DOMContentLoaded', function() {
   const forgotPasswordForm = document.getElementById('forgot-password-form');

   forgotPasswordForm.addEventListener('submit', function(event) {
      event.preventDefault();
      const email = document.getElementById('email').value;

      // TODO: Implement client-side validation, e.g., check for a valid email format.
      // If validation passes, you can submit the form to the server using AJAX or a fetch
request.

      // For now, just log the input for demonstration purposes.
      console.log('Email:', email);

      // Simulate a successful submission for demonstration purposes
      // In a real application, you should handle this on the server side and send a password
reset email.
```

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```
        const isSubmissionSuccessful = true; // Set this to true upon successful email
submission

        if (isSubmissionSuccessful) {
            // Redirect to the next page for the password reset process
            window.location.href = 'forgot password.html'; // Replace with the actual password
reset page
        } else {
            // Display an error message if email submission fails
            alert('Email submission failed. Please try again.');
        }
    });
});
```

3.3 create forgot password.php file

```
<?php
session_start();

if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Check if the form submitted is the "Forgot Password" form
    if (isset($_POST["forgot_password_submit"])) {
        // Retrieve the user's email from the form
        $email = $_POST["email"];

        // TODO: Validate the email and check if it exists in your user database.
        // If the email is valid and exists, generate a unique verification code.

        // For demonstration purposes, generate a random 6-digit verification code
        $verificationCode = sprintf('%06d', rand(0, 999999));

        // TODO: Send the verification code to the user's email.
        // You can use a library like PHPMailer or the mail() function for this purpose.

        // For demonstration purposes, print the verification code to the screen
        echo "Verification code sent to your email: $verificationCode";

        // Store the verification code and the user's email in a session
        $_SESSION["verification_code"] = $verificationCode;
```

```php
        $_SESSION["user_email"] = $email;
    }


    // Check if the form submitted is the "Reset Password" form
    if (isset($_POST["reset_password_submit"])) {
        $enteredVerificationCode = $_POST["verification_code"];
        $newPassword = $_POST["new_password"];


        // Check if the entered verification code matches the one stored in the session
        if ($enteredVerificationCode === $_SESSION["verification_code"]) {
            // TODO: Update the user's password in your user database with the new password.
            // You should use the user's email (stored in $_SESSION["user_email"]) to identify the
user.


            // For demonstration purposes, just print a success message
            echo "Password reset successfully!";
        } else {
            // Verification code is incorrect, display an error message
            echo "Verification code is incorrect. Please try again.";
        }
    }
}
?>
```
OUTPUT :-

Forgot Password

Email:

amanvahora017@gmail.com

Reset Password

Reset Password

Verification Code:

405650

New Password:

•••••••••••

Reset Password

Remember your password? Login

Don't have an account? Sign Up

localhost/project wd/forgot pass ✕ +

← → C ⓘ localhost/project%20wd/forgot%20password.php

M Gmail ▶ YouTube Maps News Translate Settings
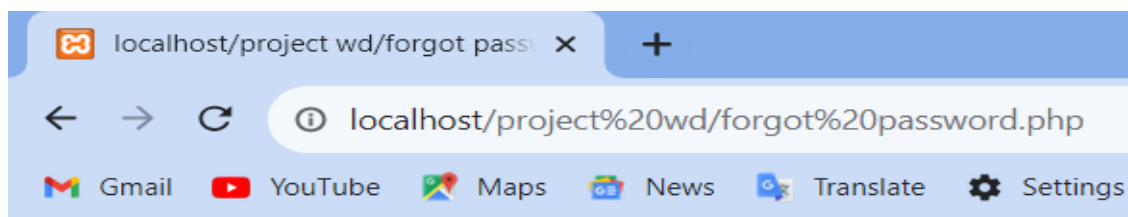
Verification code sent to your email: 405650

Welcome to XAMPP ✕ localhost / 127.0.0.1 / signup / re ✕

← → C ⓘ localhost/project%20wd/forgot%20password.php

M Gmail ▶ YouTube Maps News Translate Settings - P
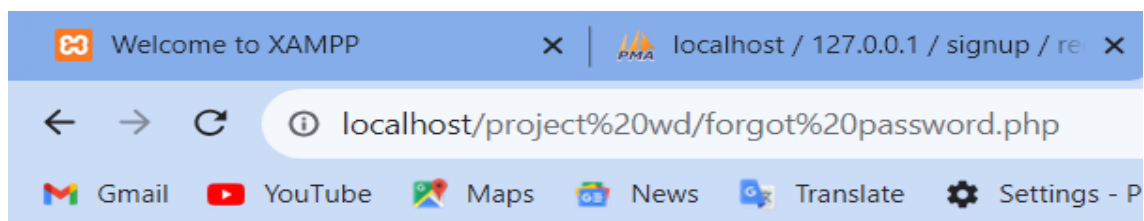
Password reset successfully!

4. Student Registration Page

4.1 create student registration.html file

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Student Registration</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
      margin: 0;
      padding: 0;
    }

    h1 {
      text-align: center;
      color: #333;
    }

    form {
      max-width: 400px;
      margin: 0 auto;
      padding: 20px;
      background-color: #fff;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      border-radius: 5px;
    }

    label {
      display: block;
      font-weight: bold;
      margin-bottom: 5px;
    }
```

```css
input[type="text"],
input[type="password"],
input[type="email"],
input[type="tel"],
input[type="number"] {
  width: 95%;
  padding: 10px;
  margin-bottom: 15px;
  border: 1px solid #ccc;
  border-radius: 3px;
}

select {
  width: 100%;
  padding: 10px;
  margin-bottom: 15px;
  border: 1px solid #ccc;
  border-radius: 3px;
}

.gender-label {
  display: flex;
  align-items: center;
}

.gender-label input[type="radio"] {
  margin-right: 5px;
}

button[type="submit"],
button[type="reset"] {
  background-color: #333;
  color: #fff;
  border: none;
  padding: 10px 20px;
  cursor: pointer;
  border-radius: 3px;
```

```
        }

        button[type="submit"]:hover,
        button[type="reset"]:hover {
          background-color: #555;
        }
    </style>
</head>

<body>
    <h1>Student Registration</h1>
    <form action="student registration.php" method="post" id="reg.form" onsubmit="return
validateForm()">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username" required><br><br>

        <label for="password">Password:</label>
        <input type="password" id="password" name="password" required><br><br>

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

        <label for="phone">Phone Number:</label>
        <input type="tel" id="phone" name="phone" required><br><br>

        <label class="gender-label">Gender:
          <input type="radio" id="male" name="gender" value="Male" required>
          <label for="male">Male</label>
        <input type="radio" id="female" name="gender" value="Female" required>
        <label for="female">Female</label>
        <input type="radio" id="other" name="gender" value="Other" required>
        <label for="other">Other</label>
        </label><br><br>

        <label for="age">Age:</label>
        <input type="number" id="age" name="age" required><br><br>

        <label for="city">City:</label>
```

```
      <input type="text" id="city" name="city" required><br><br>

      <label for="category">Category:</label>
      <select id="category" name="category" required>
        <option value="Staff">Staff</option>
        <option value="Student">Student</option>
        <option value="Faculty">Faculty</option>
      </select><br><br>

      <button type="submit">Submit</button>
      <button type="reset">Reset</button>

  </form>

  <script>
    function validateForm() {
      var username = document.getElementById("username").value;
      var password = document.getElementById("password").value;
      var email = document.getElementById("email").value;
      var phone = document.getElementById("phone").value;
      var gender = document.querySelector('input[name="gender"]:checked');
      var age = document.getElementById("age").value;
      var city = document.getElementById("city").value;
      var category = document.getElementById("category").value;

      if (username === "" || password === "" || email === "" || phone === "" || !gender ||
  age === "" || city === "" || category === "") {
          alert("All fields are required.");
          return false;
      }

      return true;
    }
  </script>
</body>
</html>
```

OUTPUT :-

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Student Registration

Username:

amanvahora17

Password:

....

Email:

amanvahora17@gmail.com

Phone Number:

8140340466

Gender: ◉ Male ○ Female ○ Other

Age:

20

City:

anand

Category:

Student ⌄

Submit   Reset

5. Upload Documents Page

5.1 create upload document.html file

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

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document Tracking System</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f2f2f2;
      margin: 0;
      padding: 0;
    }

    h1 {
      text-align: center;
      color: #333;
    }

    form {
      max-width: 400px;
      margin: 0 auto;
      padding: 20px;
      background-color: #fff;
      box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
      border-radius: 5px;
    }

    label {
      display: block;
      font-weight: bold;
      margin-bottom: 8px;
    }
```

```css
input[type="file"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 15px;
    border: 1px solid #ccc;
    border-radius: 3px;
}
input[type="submit"] {
    background-color: #333;
    color: #fff;
    border: none;
    padding: 10px 20px;
    cursor: pointer;
    border-radius: 3px;
}
input[type="submit"]:hover {
    background-color: #555;
}
</style>
</head>
<body>
    <div class="container">
        <h1>Student Document Upload</h1>
        <form action="upload document.php" method="post" enctype="multipart/form-data">
            <label for="student_photo">Student Photo:</label>
            <input type="file" name="student_photo" id="student_photo" accept="image/jpeg, image/png"><br>

            <label for="aadhar_card">Aadhar Card:</label>
            <input type="file" name="aadhar_card" id="aadhar_card" accept="application/pdf, image/jpeg, image/png"><br>

            <label for="marksheet">Marksheet:</label>
            <input type="file" name="marksheet" id="marksheet" accept="application/pdf"><br>

            <label for="birth_certificate">Birth Certificate:</label>
```

```
        <input type="file" name="birth_certificate" id="birth_certificate"
accept="application/pdf, image/jpeg, image/png"><br>

        <label for="income_certificate">Income Certificate:</label>
        <input type="file" name="income_certificate" id="income_certificate"
accept="application/pdf, image/jpeg, image/png"><br>

        <input type="submit" value="Upload Documents">
    </form>
  </div>
</body>

</html>
```

OUTPUT :-

Student Document Upload

Student Photo:

Choose File student photo.jpeg

Aadhar Card:

Choose File aadhar card.pdf

Marksheet:

Choose File marksheet.pdf

Birth Certificate:

Choose File birth cirtificate.pdf

Income Certificate:

Choose File income cirtificate.pdf

Upload Documents

6. Edit Current Profile Page

6.1 create edit profile.html file

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Edit Profile</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f4f4f4;
      margin: 0;
      padding: 0;
    }
    header {
      background-color: #333;
      color: #fff;
      text-align: center;
      padding: 20px 0;
    }
    .user-details {
      display: flex;
      flex-direction: column;
      align-items: center;
      margin-bottom: 20px;
    }
    .user-avatar {
      width: 100px;
      height: 100px;
      border-radius: 50%;
      background-color: #fff;
      color: #333;
      display: flex;
      justify-content: center;
      align-items: center;
```

```css
    font-size: 24px;
}
.user-name {
    margin-top: 10px;
    font-size: 18px;
}
.container {
    max-width: 600px;
    margin: 20px auto;
    padding: 20px;
    background-color: #fff;
    box-shadow: 0 2px 5px rgba(0, 0, 0, 0.2);
}
h1 {
    font-size: 24px;
    margin-bottom: 20px;
}
label {
    display: block;
    margin-bottom: 8px;
}
input[type="text"],
input[type="email"],
input[type="password"] {
    width: 100%;
    padding: 10px;
    margin-bottom: 20px;
    border: 1px solid #ccc;
    border-radius: 4px;
}
    button {
    background-color: #333;
    color: #fff;
    padding: 10px 20px;
    border: none;
    border-radius: 4px;
    cursor: pointer;
}
```

```
    button:hover {
        background-color: #555;
    }
  </style>
  <script src="edit profile.js"></script>
</head>

<body>
  <header>
    <div class="user-details">
      <div class="user-avatar">A</div>
      <div class="user-name">AMAN VAHORA</div>
    </div>
    <h1>Edit Profile</h1>
  </header>
  <div class="container">
    <form id="profileForm" action="edit profile.php" method="post">
      <label for="fullName">Full Name:</label>
      <input type="text" id="fullName" name="fullName" required>

      <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>

      <button type="submit">Save Changes</button>
    </form>
  </div>
</body>
</html>
```

6.2 create edit profile.js file

```
document.addEventListener('DOMContentLoaded', function() {
    const profileForm = document.getElementById('profileForm');
    const saveChangesButton = document.getElementById('saveChanges');

    saveChangesButton.addEventListener('click', function() {
```

```javascript
const fullName = document.getElementById('fullName').value;
const email = document.getElementById('email').value;
const password = document.getElementById('password').value;

const formData = new FormData();
formData.append('fullName', fullName);
formData.append('email', email);
formData.append('password', password);

// Send an AJAX request to save_profile.php
const xhr = new XMLHttpRequest();
xhr.open('POST', 'edit profile.php', true);

xhr.onload = function() {
    if (xhr.status === 200) {
        alert('Profile changes saved successfully.');
        // Optionally, you can update the user interface here.
    } else {
        alert('Error saving profile changes.');
    }
};

xhr.onerror = function() {
    alert('Request failed. Please try again later.');
};

xhr.send(formData);
    });
});
```

6.3 create edit profile.php file

```php
<?php
// Check if the form is submitted
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Retrieve form data
    $fullName = $_POST["fullName"];
    $email = $_POST["email"];
```

```php
    $password = password_hash($_POST["password"], PASSWORD_DEFAULT); // Hash the
password

    // Create a database connection (modify with your database credentials)
    $servername = "localhost";
    $username = "root";
    $password = "";
    $dbname = "new profile";

    $conn = new mysqli($servername, $username, $password, $dbname);

    // Check connection
    if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
    }
    // Prepare and execute the SQL query to insert or update the user's profile
    $sql = "INSERT INTO users (fullname, email, password) VALUES (?, ?, ?)";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("sss", $fullName, $email, $password);
    if ($stmt->execute()) {
        echo "Profile changes saved successfully.";
    } else {
        echo "Error: " . $stmt->error;
    }
    // Close the database connection
    $stmt->close();
    $conn->close();
}
?>
```

OUTPUT :-

A

AMAN VAHORA

Edit Profile

Full Name:

vhora aman firojbhai

Email:

12202080603002@adit.ac.in

Password:

••••••••••

Save Changes

PMA localhost / 127.0.0.1 / new profile ✕   localhost/project wd/edit profile. ✕

← → C ⓘ localhost/project%20wd/edit%20profile.php

M Gmail ▶ YouTube 🗺 Maps 📰 News Translate ⚙ Settings - Pri

Profile changes saved successfully.

PRACTICAL :- 12
AIM :- Mini Project (Part 2: Back End)

Develop Database connectivity along with CRUD operations for website developed in Part 1.

The backend architecture should contain following tables:

1. Student Login Table: Contains login credentials for student authentication.

```php
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
  // Retrieve form data
  $username = $_POST["username"];
  $email = $_POST["email"];
  $password = $_POST["password"];
  // Hash the password for security
  $hashedPassword = password_hash($password, PASSWORD_DEFAULT);

  // Database connection settings (modify these with your own credentials)
  $dbHost = "localhost";
  $dbUsername = "root";
  $dbPassword = "";
  $dbName = "signup";

  // Create a database connection
  $conn = new mysqli($dbHost, $dbUsername, $dbPassword, $dbName);

  // Check connection
  if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
  }
  // Insert user data into the database (modify the table and column names as needed)
  $sql = "INSERT INTO registration (username, email, password) VALUES (?, ?, ?)";
  $stmt = $conn->prepare($sql);
  $stmt->bind_param("sss", $username, $email, $hashedPassword);
  if ($stmt->execute()) {
```
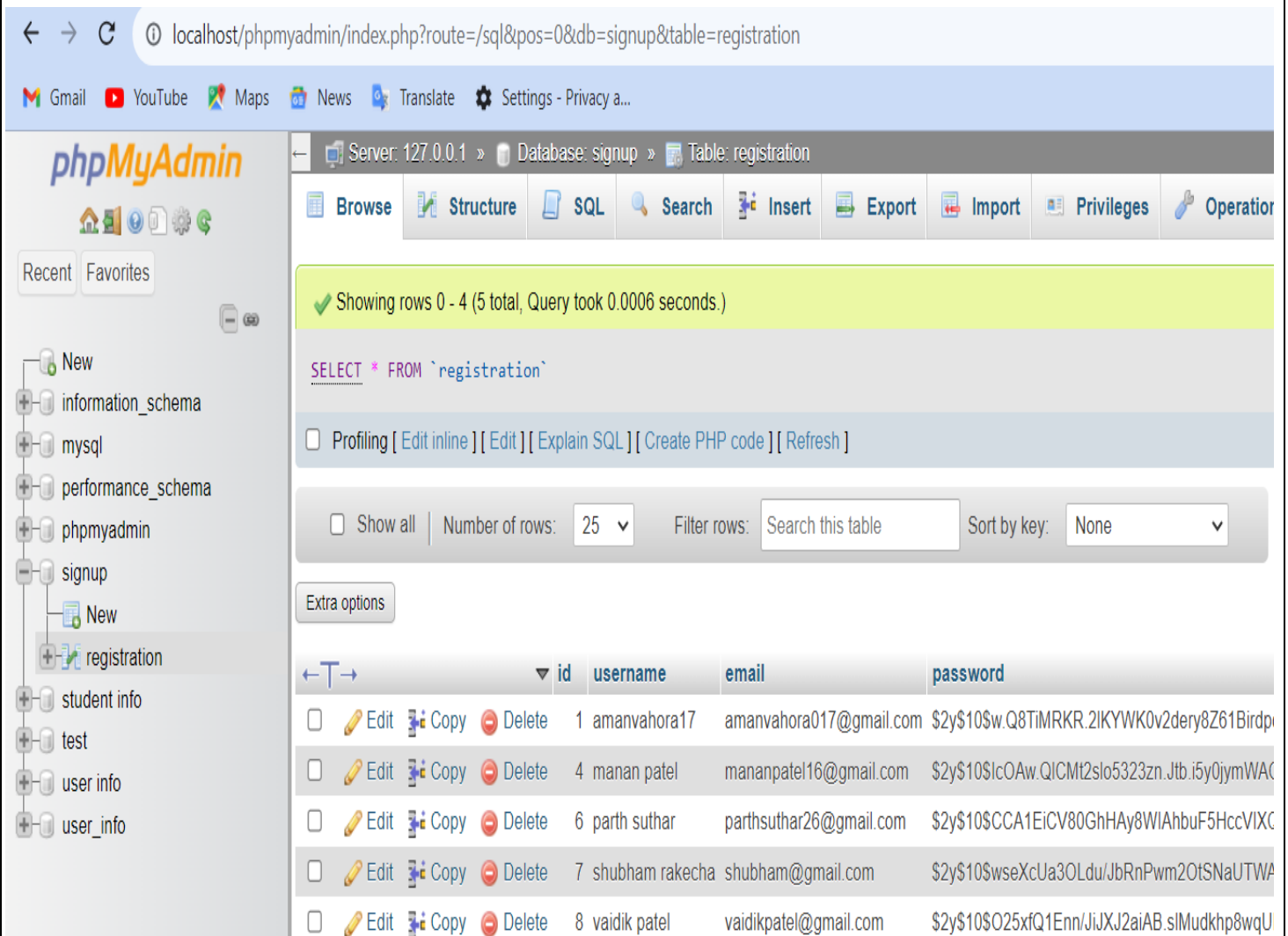
```
        // Registration successful
        header("Location: signup.php");
        exit;
      } else {
        // Registration failed
        header("Locatio: signup.php");
        exit;
      }
      // Close database connection
      $stmt->close();
      $conn->close();
    }
    ?>
```

OUTPUT :-

2. Student Registration Table: Contains all the information provided by the student through the registration page.

2.1 create student registration.php file

```php
<?php
if ($_SERVER["REQUEST_METHOD"] == "POST") {
   // Database connection details
   $hostname = "localhost";
   $username = "root";
   $password = "";
   $dbname = "students data";

   // Create a database connection
   $conn = new mysqli($hostname, $username, $password, $dbname);

   // Check the database connection
   if ($conn->connect_error) {
      die("Connection failed: " . $conn->connect_error);
   }

   // Retrieve and sanitize form data
   $username = sanitizeInput($_POST['username']);
   $password = sanitizeInput($_POST['password']);
   $email = sanitizeInput($_POST['email']);
   $phone = sanitizeInput($_POST['phone']);
   $gender = sanitizeInput($_POST['gender']);
   $age = sanitizeInput($_POST['age']);
   $city = sanitizeInput($_POST['city']);
   $category = sanitizeInput($_POST['category']);

   // Perform server-side validation (same validation as before)

   if (empty($errors)) {
      // Insert registration data into the database
```

```php
    $sql = "INSERT INTO student details (username, password, email, phone, gender, age,
city, category) VALUES (?, ?, ?, ?, ?, ?, ?, ?)";
    $stmt = $conn->prepare($sql);
    $stmt->bind_param("ssssssss", $username, $password, $email, $phone, $gender, $age,
$city, $category);

    if ($stmt->execute()) {
        echo "<h2>Registration Successful:</h2>";
        echo "<p>Username: $username</p>";
        echo "<p>Email: $email</p>";
        echo "<p>Phone Number: $phone</p>";
        echo "<p>Gender: $gender</p>";
        echo "<p>Age: $age</p>";
        echo "<p>city: $city</p>";
        echo "<p>Category: $category</p>";
    } else {
        echo "Error: " . $sql . "<br>" . $conn->error;
    }

    $stmt->close();
    } else {
        // If there are errors, display them
        echo "<h2>Registration Failed:</h2>";
        foreach ($errors as $error) {
            echo "<p>$error</p>";
        }
    }

    // Close the database connection
    $conn->close();
}

function sanitizeInput($data) {
    // Sanitize user input to prevent SQL injection or XSS attacks
    $data = trim($data);
    $data = stripslashes($data);
    $data = htmlspecialchars($data);
    return $data;
```
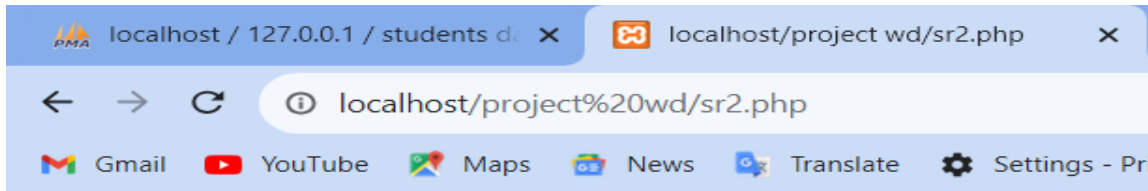
```
    }
?>
```
OUTPUT :-

Registration Successful:

Username: amanvahora17

Email: amanvahora17@gmail.com

Phone Number: 8140340466

Gender: Male

Age: 20

City: anand

Category: student

```
SELECT * FROM `students`
```

☐ Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

☐ Show all | Number of rows: 25 ∨ Filter rows: Search this table

Extra options

Username	Password	Email	Phone	Gender	Age	City	Category
amanvahora17	$2y$10$KXVgiNbNfW75zwkOmOr7P.0atjZaV.iZ9DHcW3StsN1...	amanvahora17@gmail.com	2147483647	Male	20	anand	student
mananpatel	$2y$10$vVAoFTuoUYzMS4xd5J6x2O2BG5uWjYhPpSSk/UH0TM/...	mananpatel@gmail.com	2147483647	Male	20	balasinor	student
shubham rakecha	$2y$10$XOBbz6eGZMQ6kkBEJC9dJujdXaMdN6Ff1u6Yo/Ve6CZ...	shubham25@gmail.com	2147483647	Male	20	anand	student
vaidik patel	$2y$10$dHiJn3dwJBj/LjsTWZk1X.Dbg2NdI81s7m0F2WVWQOR...	vp43@gmail.com	2147483647	Male	21	vadodra	student
parth suthar	$2y$10$tcbbLSv3KwUoVVphW5dpUecG2C7y.uHX4gJZSy7LS.b...	parths@gmail.com	2147483647	Male	22	thasra	student

3. Document Track Table: This table contains track of documents uploaded by the student.

3.1 create upload document.php file

```php
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Document Tracking System</title>
</head>
<body>
  <h1>Document Tracking System</h1>

  <?php
  // Handle form submission
  if ($_SERVER['REQUEST_METHOD'] === 'POST') {
    $uploadDir = 'uploads/';
    if (!file_exists($uploadDir)) {
      mkdir($uploadDir, 0777, true);
    }

    $documentTypes = array(
      'student_photo' => 'Student Photo',
      'aadhar_card' => 'Aadhar Card',
      'marksheet' => 'Marksheet',
      'birth_certificate' => 'Birth Certificate',
      'income_certificate' => 'Income Certificate'
    );

    $uploadedDocuments = array();

    foreach ($documentTypes as $field => $documentType) {
      if (isset($_FILES[$field]) && $_FILES[$field]['error'] === 0) {
        $filename = $uploadDir . basename($_FILES[$field]['name']);
        if (move_uploaded_file($_FILES[$field]['tmp_name'], $filename)) {
```

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UNIVERSITY

```php
        $uploadedDocuments[] = array(
            'type' => $documentType,
            'file_name' => basename($_FILES[$field]['name'])
        );
      }
    }
  }

  if (!empty($uploadedDocuments)) {
    echo '<h2>Uploaded Documents:</h2>';
    echo '<ul>';
    foreach ($uploadedDocuments as $document) {
      echo '<li>' . $document['type'] . ': ' . $document['file_name'] . '</li>';
    }
    echo '</ul>';
  } else {
    echo '<p>No documents uploaded.</p>';
  }
}
?>

<h2>Upload Documents:</h2>
<form action="" method="post" enctype="multipart/form-data">
  <label for="student_photo">Student Photo:</label>
  <input type="file" name="student_photo" id="student_photo" accept="image/jpeg,
image/png"><br>

  <label for="aadhar_card">Aadhar Card:</label>
  <input type="file" name="aadhar_card" id="aadhar_card" accept="application/pdf,
image/jpeg, image/png"><br>

  <label for="marksheet">Marksheet:</label>
  <input type="file" name="marksheet" id="marksheet" accept="application/pdf"><br>

  <label for="birth_certificate">Birth Certificate:</label>
  <input type="file" name="birth_certificate" id="birth_certificate"
accept="application/pdf, image/jpeg, image/png"><br>
```
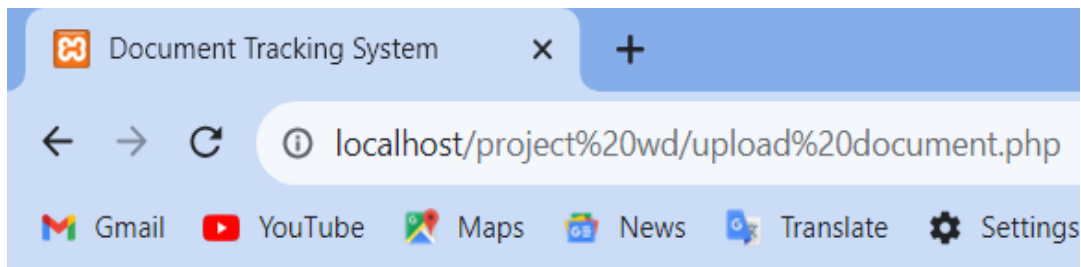
```
    <label for="income_certificate">Income Certificate:</label>
    <input type="file" name="income_certificate" id="income_certificate"
accept="application/pdf, image/jpeg, image/png"><br>
    <input type="submit" value="Upload Documents">
  </form>
</body>
</html>
```

OUTPUT :-

Document Tracking System

Uploaded Documents:

- Student Photo: student photo.jpeg
- Aadhar Card: aadhar card.pdf
- Marksheet: marksheet.pdf
- Birth Certificate: birth cirtificate.pdf
- Income Certificate: income cirtificate.pdf