

Assignment 4

PHP + AJAX

Varun Gawande

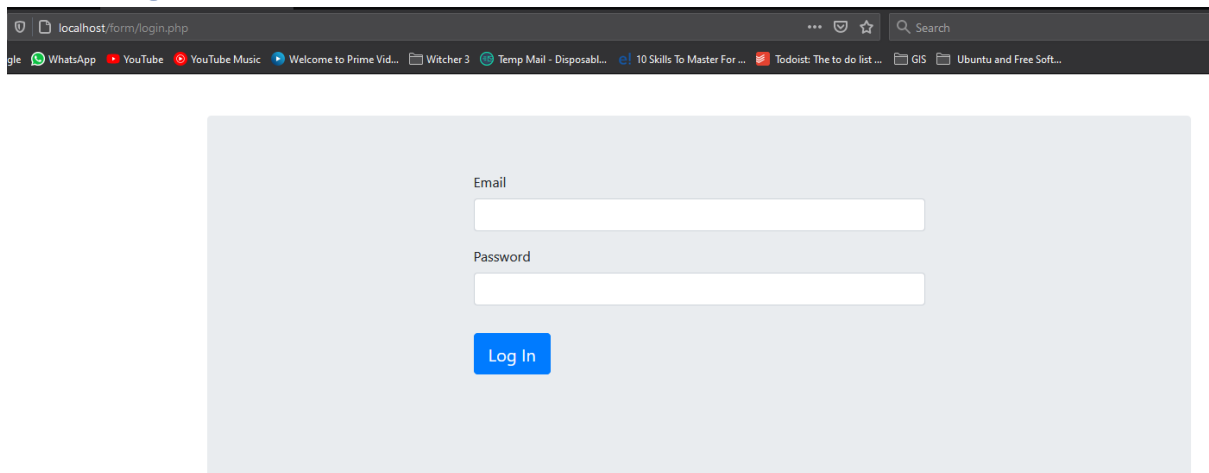
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Q9



Screenshots:

Basic Login:



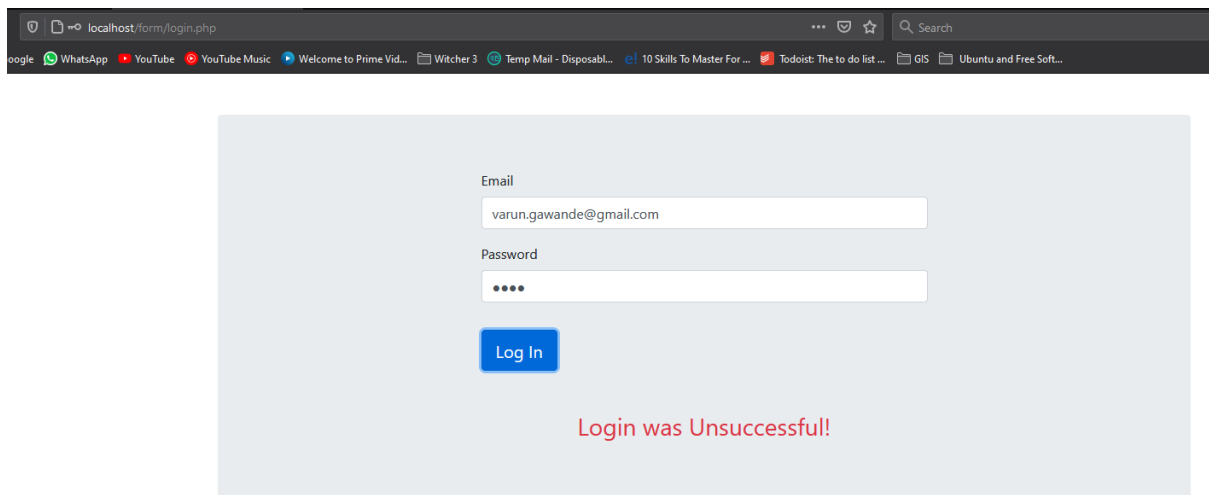
A screenshot of a web browser showing a login form. The browser's address bar displays 'localhost/form/login.php'. The form is centered on a light gray background and consists of two input fields: 'Email' and 'Password'. Below these fields is a blue 'Log In' button. The browser's tab bar shows several open tabs, including 'WhatsApp', 'YouTube', 'YouTube Music', 'Welcome to Prime Vid...', 'Witcher 3', 'Temp Mail - Disposabl...', '10 Skills To Master For ...', 'Todoist: The to do list ...', 'GIS', and 'Ubuntu and Free Soft...'.

Email

Password

Log In

Unsuccessful:



A screenshot of the same web browser showing the login form after an unsuccessful attempt. The 'Email' field now contains the text 'varun.gawande@gmail.com' and the 'Password' field is filled with four dots. The 'Log In' button remains blue. Below the form, the text 'Login was Unsuccessful!' is displayed in red. The browser's address bar and tab bar are identical to the previous screenshot.

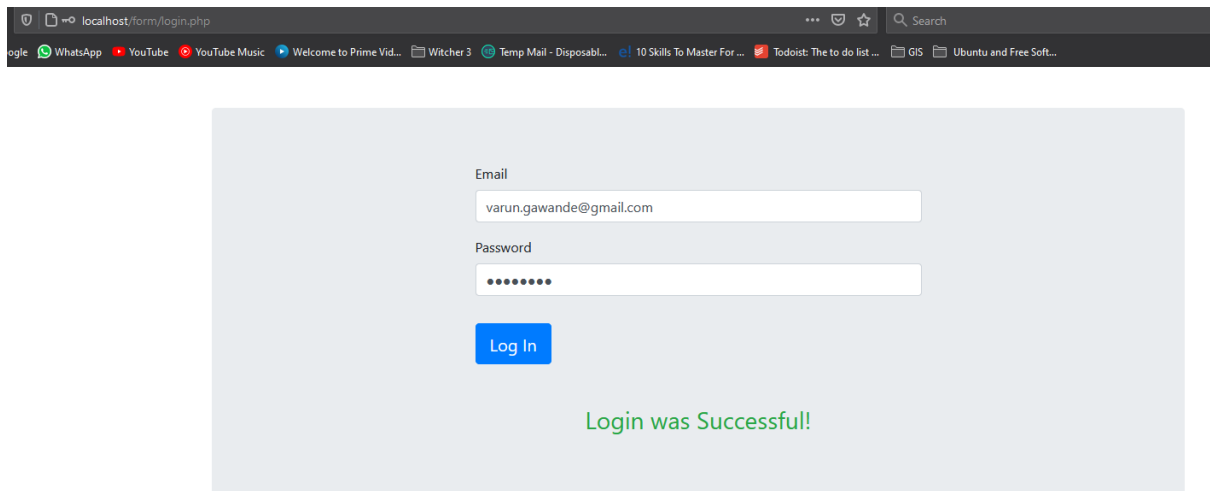
Email

Password

Log In

Login was Unsuccessful!

Successful:



The screenshot shows a web browser window with the address bar displaying 'localhost/form/login.php'. The browser's tab bar includes links to Google, WhatsApp, YouTube, YouTube Music, and several other tabs. The main content area is a light gray box containing a login form. The form has two input fields: 'Email' with the value 'varun.gawande@gmail.com' and 'Password' with masked characters. Below the fields is a blue 'Log In' button. A green message 'Login was Successful!' is displayed below the button.

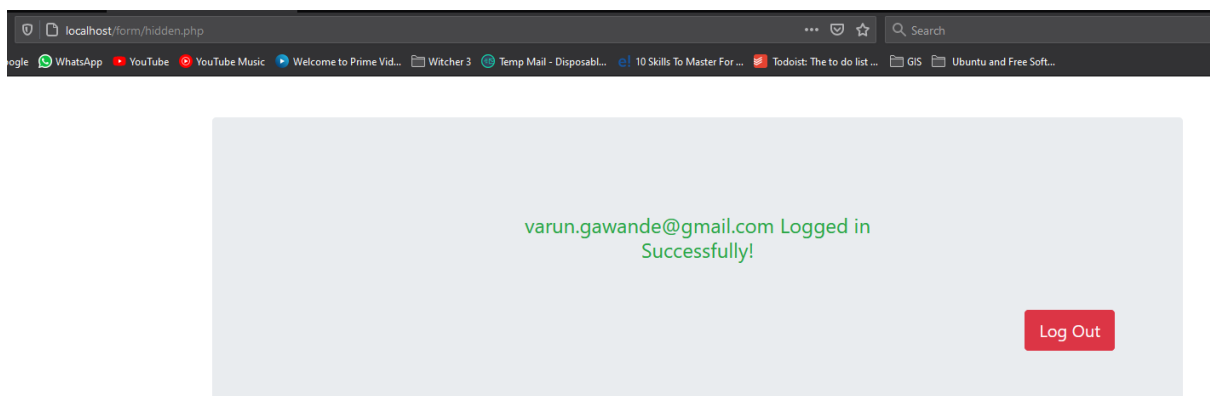
Email
varun.gawande@gmail.com

Password
••••••••

Log In

Login was Successful!

Redirected:



The screenshot shows the same web browser window, but the address bar now displays 'localhost/form/hidden.php'. The main content area is a light gray box displaying a green message 'varun.gawande@gmail.com Logged in Successfully!'. A red 'Log Out' button is located in the bottom right corner of the content area.

varun.gawande@gmail.com Logged in
Successfully!

Log Out

Source Code:

Login.php

```
<?php
    session_start();

    //If already logged IN
    if (isset($_SESSION['loggedIN'])){
        header('Location: hidden.php');
        exit();
    }

    if (isset($_POST['login'])) {
        $connection = new mysqli('localhost','user','password','loginTutorial'
);

        $email = $connection->real_escape_string($_POST['emailPHP']);
        $password = $connection->real_escape_string($_POST['passwordPHP']);

        $data = $connection-
>query("SELECT id FROM users WHERE email='$email' AND password='$password' ");
        if( $data->num_rows > 0){
            $_SESSION['loggedIN'] = 1;
            $_SESSION['email'] = $email;
            exit("success");
        }
        else
            exit("failure");

        exit( $email . " = " . $password);
    }
?>

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

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Log In</title>

    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/
dist/css/bootstrap.min.css" integrity="sha384-
B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvf6L/Z6nronJ3oUOFUFpCjEUQouq2+1" crossorigin=
"anonymous">
</head>
```

```

<body>
  <div class="container jumbotron mt-5 mb-5">
    <div class="row justify-content-center mb-3">
      <div class="col-sm-12 col-md-6">
        <form action="login.php" method="POST">
          <div class="mb-3">
            <label for="email" class="form-label">Email</label>
            <input type="text" class="form-control" id="email" name="email"></input>
          </div>
          <div class="mb-3">
            <label for="password" class="form-label">Password</label>
            <input type="password" class="form-control" id="password" name="password"></input>
          </div>
          <input type="button" class="btn btn-lg btn-primary mt-3" value="Log In" id="login"></input>
        </form>
      </div>
    </div>

    <div class="row justify-content-center mt-5">
      <div class="col-sm-12 col-md-6 text-center">
        <h3 id="response"></h3>
      </div>
    </div>
  </div>

  <script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-/xUj+30JU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>
  <script type="text/javascript">
    $(document).ready(function() {
      console.log('Page Ready');
      $("#login").on('click', function() {
        var email = $("#email").val();
        var password = $("#password").val();
        console.log("Email: ", email, "\nPassword: ", password);

        if (email === "" || password === "")
          alert("Please Enter Details");
        else {
          $.ajax({
            url: 'login.php',
            method: 'POST',

```

```

        data:{
            login:1,
            emailPHP: email,
            passwordPHP: password
        },
        success: function(response){
            // console.log(response);
            if(response === "success"){
                console.log("Success!");
                $("#response").removeClass("text-danger");
                $("#response").addClass("text-success");
                $("#response").html("Login was Successful!");
            };

            window.location = 'hidden.php';
        }
        else if(response === "failure"){
            console.log("Failure!");
            $("#response").removeClass("text-
success");

            $("#response").addClass("text-danger");
            $("#response").html("Login was Unsuccessfu
l!");
        }
        else{
            console.log("Weird...");
            $("#response").removeClass("text-
success");

            $("#response").addClass("text-danger");
            $("#response").html("Some Exception Ocorre
d");
        }
    },
    dataType: 'text'
}
});
});
});
</script>
</body>
</html>

```

hidden.php:

```
<?php
session_start();

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

<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Login Successful</title>
    <link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.6.0/dist/css/bootstrap.min.css" integrity="sha384-B0vP5xmATw1+K9KRQjQERJvTumQW0nPEzvF6L/Z6nronJ3oUOFUFpCjEUQouq2+1" crossorigin="anonymous">
</head>

<body>
    <div class="container jumbotron mt-5">
        <div class="row justify-content-center mt-5">
            <div class="col-sm-12 col-md-6 text-center">
                <h4 id="response" class="text-success"><?php echo $_SESSION['email'] ?> Logged in Successfully!</h4>
            </div>
        </div>
        <div class="row justify-content-end mt-5 mr-5">
            <a href="logout.php">
                <button class="btn btn-lg btn-danger">Log Out</button>
            </a>
        </div>
    </div>
</body>

</html>
```

logout.php

```
<?php
    session_start();

    unset($_SESSION['loggedIN']);
    session_destroy();
    header('Location: login.php');
    exit();
?>
```