

LAB ASSESSMENT – 4

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Question

Apply the following to the front-end which you submitted for your previous assessments (2 & 3).

1. **Registration page:** Establish the connection with the database and verify the data is inserted to the appropriate fields.
2. **Login page:** Verify and authenticate a user using the username and password.
3. **Home page** (specific to your chosen application): Perform the database operations such as insert, delete and update by executing the SQL queries through PHP. Also embed the cookies and sessions.
4. Incorporate AJAX to display the form validation messages (Minimum 2 fields should be validated using AJAX).
5. Incorporate JQuery to perform customizations for your website like text change hover, background customization, etc., (Minimum two functions)

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INTEGRATING WITH SIGN UP PAGE AND DATABASE (insert QUERY)

Username "root" passcode "" server "localhost" Database name "labda3"

Table name = "registered"

Table structure and schema:

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/>	1	userid	int(255)		No	None		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/>	2	username	varchar(255) utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	3	pass	varchar(255) utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	4	name	varchar(255) utf8mb4_general_ci		No	None			Change Drop More
<input type="checkbox"/>	5	DOB	date		No	None			Change Drop More
<input type="checkbox"/>	6	Phone	bigint(20)		No	None			Change Drop More

Registration form

Register Here

Name

Gurleen Kaur

Username

gogurleen

Password

.....

Confirm Password

.....

Date of Birth

07-06-2000

Phone Number

9428984020

SUBMIT

Already have an account? [Login here](#)

Php code

```
<?php
$con=mysqli_connect("localhost","root","","labda3");
$error="";
```

```

if(isset($_GET['submit'])){
    $usern=$_GET['u_name'];
    $pass=$_GET['password'];
    $name=$_GET['f_name'];
    $DOB=$_GET['dob'];
    $phone=$_GET['phone'];
    $sql="INSERT INTO `registered`(`username`, `pass`, `name`, `DOB`, `Phone`) VALUES ('$usern','$pass','$name','$DOB','$phone)";

    $sqlcheck="SELECT * FROM `registered` WHERE `username`='$usern'";
    $rescheck=mysqli_query($con,$sqlcheck);
    $count=mysqli_num_rows($rescheck);

    if($count==0)
    {
        mysqli_query($con,$sql);
        header("location: login.php");
    }
    else
    {
        $error="username already exists";
    }
}
?>

```

Users currently registered

userid	username	pass	name	DOB	Phone
12	arshdeepdgreat1	1234567	Arshdeep	2021-09-09	8754541603
13	arshdeepdgreat	Arshdeep123	Arshdeep	2001-09-11	8754541603
14	arpit	1234567	Arpit	2002-02-18	7545414545

After clicking submit

userid	username	pass	name	DOB	Phone
12	arshdeepdgreat1	1234567	Arshdeep	2021-09-09	8754541603
13	arshdeepdgreat	Arshdeep123	Arshdeep	2001-09-11	8754541603
14	arpit	1234567	Arpit	2002-02-18	7545414545
15	gogurleen	1234567	Gurleen Kaur	2000-06-07	9428984020

Database updated with new values for gurleen

LOGIN FORM (SESSION VARIABLES USED)

Sign up

Username
gogurleen

Password
.....

☐ Show/Hide password

LOGIN

Dont have an account? [Create here](#)

PHP

```
<?php
include("templates/conn.php");
include("templates/function.php");
$msg="";
$username="";
$pass="";
if (isset($_POST['submit'])){
    $username=getsafe($conn,$_POST['username']);
    $pass=getsafe($conn,$_POST['password']);
    $md5pass=md5($pass);

    $sql="SELECT * FROM `all_users` WHERE username = '$username' and
password='$md5pass'";
    $res=mysqli_query($conn,$sql);
    $count=mysqli_num_rows($res);
    $row = mysqli_fetch_array($res, MYSQLI_ASSOC);
    if($count==1){
        $_SESSION['USER_LOGIN']='yes';
        $_SESSION['USER_ID']=$row['user_id'];
        header('location:yourpanel.php');
        die();
    }
    else{
        $msg="Please re-enter the details correctly";
    }
}
```

```
}  
?>
```

In case of invalid details

AJAX FOR ERROR MESSAGE

Sign up

Username

gogurleen

Password

.....

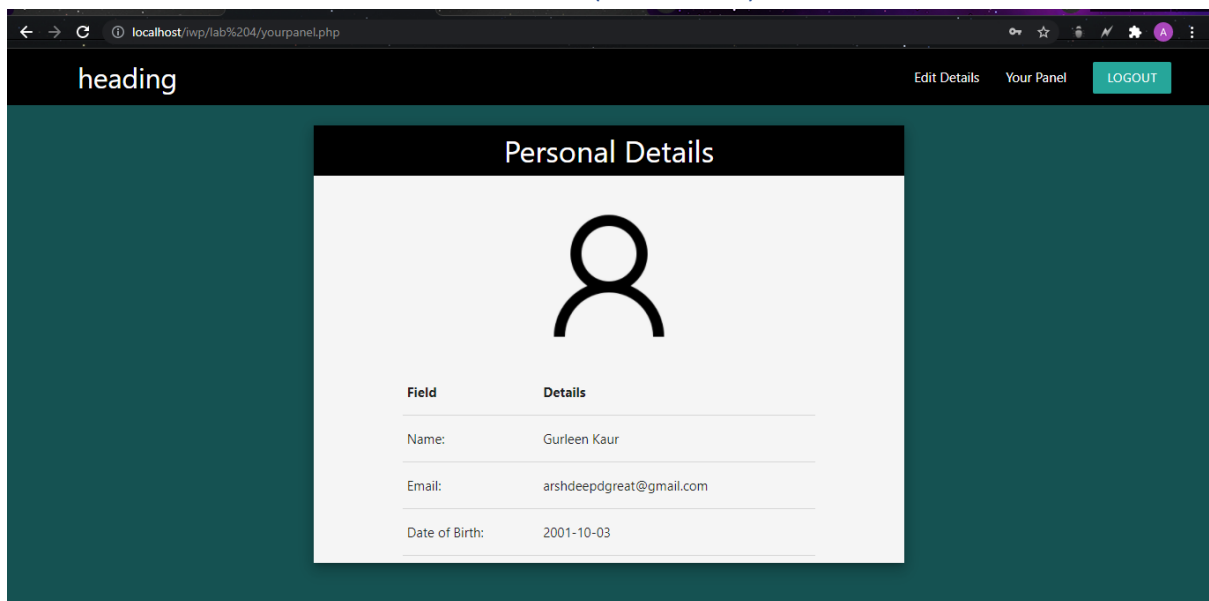
☐ Show/Hide password

LOGIN

Please re-enter the details correctly

Dont have an account? [Create here](#)

HOME PAGE IF CORRECT DETAILS (SESSION)



PHP to verify session details

```
<?php
include("templates/conn.php");
include("templates/function.php");
$uid=$_SESSION['USER_ID'];
if ($_SESSION['USER_LOGIN']!='yes' or $_SESSION['USER_ID']=='')
{
    header("location:logout.php");
}
$sql1="SELECT * FROM `all_users` WHERE user_id ='$uid'";
$res=mysqli_query($conn,$sql1);
$urow = mysqli_fetch_array($res, MYSQLI_ASSOC);
?>
```

PHP fetches values from database

```
<div class="container">
    <table>
        <th>Field</th>
        <th>Details</th>
        <tr>
            <td>Name: </td>
            <td><?php echo $urow['name'] ?></td>
        </tr>
        <tr>
            <td>Email: </td>
            <td><?php echo $urow['email_id'] ?></td>
        </tr>
        <tr>
            <td>Date of Birth: </td>
            <td><?php echo $urow['DOB'] ?></td>
        </tr>
    </table>
</div>
```

```
        </tr>
      </table>
      <div class="blbox"></div>
    </div>
  </div>
```

Home page edit details (update QUERY)

YOU CAN CHANGE NAME AND EMAIL BUT YOU HAVE TO ENTER VALID PASSWORD TO CHANGE

CHANGING EMAIL (INITIALLY ARSHDEEPPDGREAT@GMAIL.COM)

New details (surname removed and email changed)

Name:

Gurleen

Email:

GURLEEN@gmail.com

Enter Password if you want to change details:

SUBMIT

Details updated IN DATABASE

Field	Details
Name:	Gurleen
Email:	GURLEEN@gmail.com
Date of Birth:	2001-10-03

AJAX for form validation messages (2 fields)

1. name

Name

Eg: John

Name should not be empty

2. email

Email

aaaaaaaaa

Use a valid email

SUBMIT

CODE

```
if(isset($_POST['submit'])){
    $name=$_POST['name'];
    $email=$_POST['email'];

    $errorname=false;
    $erroremail=false;

    if(empty($name)||empty($email)){
        echo"<span style='color:red;'>Name should not be empty</span>";
        $errorname=true;
    }
    else if(!filter_var($email,FILTER_VALIDATE_EMAIL)){
        echo"<span style='color:red;'>Use a valid email should contain @
symbol</span>";
        $erroremail=true;
    }
}
```

AJAX

```
$(document).ready(function() {
    $("form").submit(function(event){
        event.preventDefault();
        var name=$("#first_name").val();
        var email= $("#mail-id").val();
        var submit = $("#submit").val();
        $("#emerror").load("mail.php", {
            name: name,
            submit: submit,
```

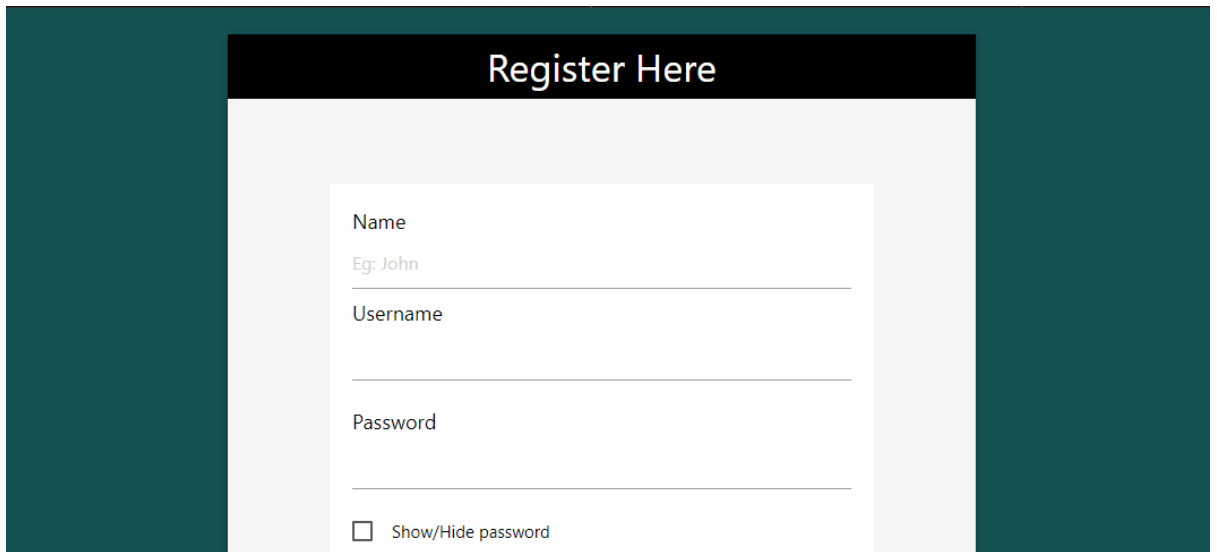


```
        email: email
    });
});
});
```

JQUERY

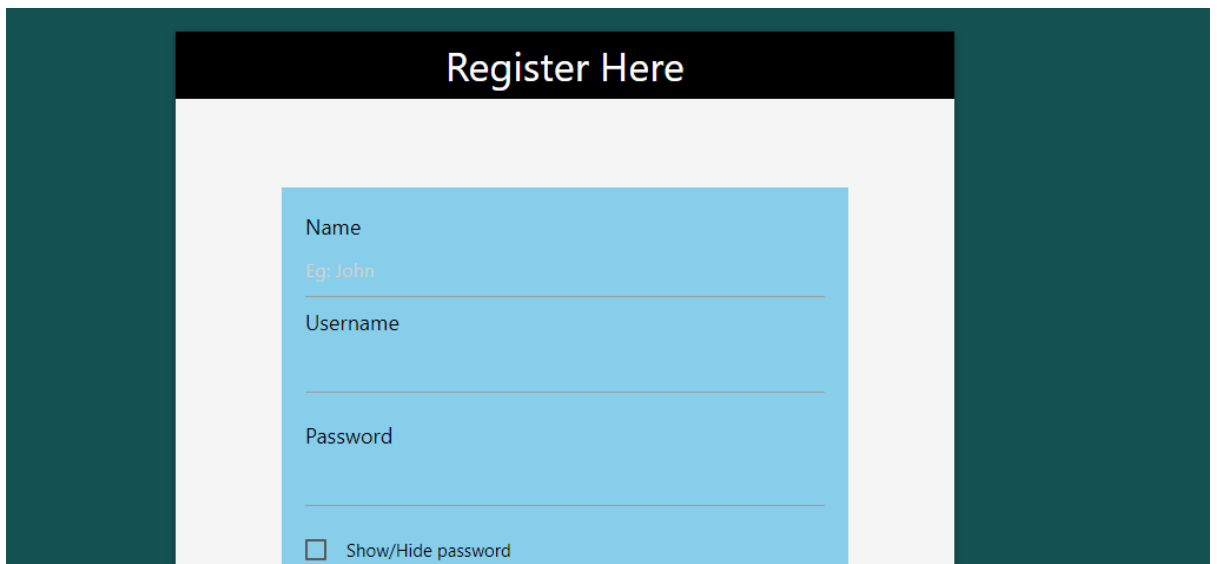
1. Background colour

Before



The screenshot shows a registration form titled "Register Here" on a dark teal background. The form is centered on a light gray background. It contains four input fields: "Name" (with a placeholder "Eg: John"), "Username", "Password", and a checkbox labeled "Show/Hide password". The form is currently white, indicating it has not yet been interacted with.

After mouse entry (colour change blue)



The screenshot shows the same registration form as before, but the form area is now highlighted with a light blue background, indicating it has been activated by a mouse click. The form fields and the "Show/Hide password" checkbox remain the same.

CODE

```
<script>

    $(document).ready(function(){
        $("form").on({
            mouseenter: function(){
                $(this).css("background-color", "skyblue");
            }
        });
    });
});
```

```

        },
        mouseout: function(){
            $(this).css("background-color", "white");
        }
    });
});
// usage of jquery on and jquery css property
</script>

```

2. JQuery show/hide and import text from documents

Before


Password

☐ Show/Hide password

Hover here for tips (JQuery show/hide)

Confirm Password

Date of Birth

dd-mm-yyyy 

After

Password

☐ Show/Hide password

Hover here for tips (JQuery show/hide)

Tips for good password

1. Dont use common password like hello123 etc.
2. Use a password with length of 5 - 20
3. Use special characters like \$, #, @

Confirm Password

CODE

```
function getData(dataSource, divID)
{
    if(XMLHttpRequestObj) {
        var obj = document.getElementById(divID);
        XMLHttpRequestObj.open("GET", dataSource);

        XMLHttpRequestObj.onreadystatechange = function()
        {
            if (XMLHttpRequestObj.readyState == 4 &&
XMLHttpRequestObj.status == 200) {
                obj.innerHTML = XMLHttpRequestObj.responseText;
            }
        }
        XMLHttpRequestObj.send(null);
    }
}
```

`<h5 onmouseover="getData('pass_tips.txt','tips')" onmouseout="getData('nulltext.txt','tips')">Hover here for tips (JQuery show/hide)</h5>`

On mouse hover -> pass_tips.txt

On mouseout -> nulltext.txt

