

## EXPERIMENT NO. 5

**Aim:** To create User Registration-Login System using PHP and MySQL

**Theory:**

Users Registration-Login system is most in most of the websites. It is used to manage users on site

Here, we have created database named exp5. In exp5 database, create a table called users.

The users table have the following columns:

- id – int(11) Auto\_Incremented Primary key
- Name – varchar(30)
- Email– int(20)
- Password– varchar(15)

Then we write a php code to connect to the database by using

```
$conn = mysqli_connect($dbhost,$dbuser,$dbpass,$db) ;
```

Function with parameters like HOST, USER, PASSWORD, DB\_NAME and connect to database

We have following files to make to make User Login-Registration interface along with database connection:

- 1.**dbconn.php** - which contains php code to connect to the database using `mysqli_connect()` with parameters HOST, USER, PASSWORD, DB\_NAME.
- 2.**registraion.html** - This page contains user registration interface for user to register. This page has features like password validation, check if user exist or not, confirm password, etc. After successful registration one will be redirected to login page. Also there is Reset button to Reset form
- 3.**login.html** - Which contains Login interface for existing users. If user doesn't exist it pop ups with "Invalid Details". If User exists it take one to profile.php.
- 4.**profile.php** - This page has options like 'update password' and 'logout'. By clicking on logout session gets expired and user is directed to login.html. One can't go to profile.html if session has not started
- 5.**Password\_Update.php** - has interface for Logged In user to change/update his/her password.
- 6.**action.php** - This file contains all the codes for registration, Login and Update Password and Logout features.

Below are some snapshots of Login-Registraion System :

**Sign Up**

**Name**  
Alex

**Email**  
alex@gmail.com

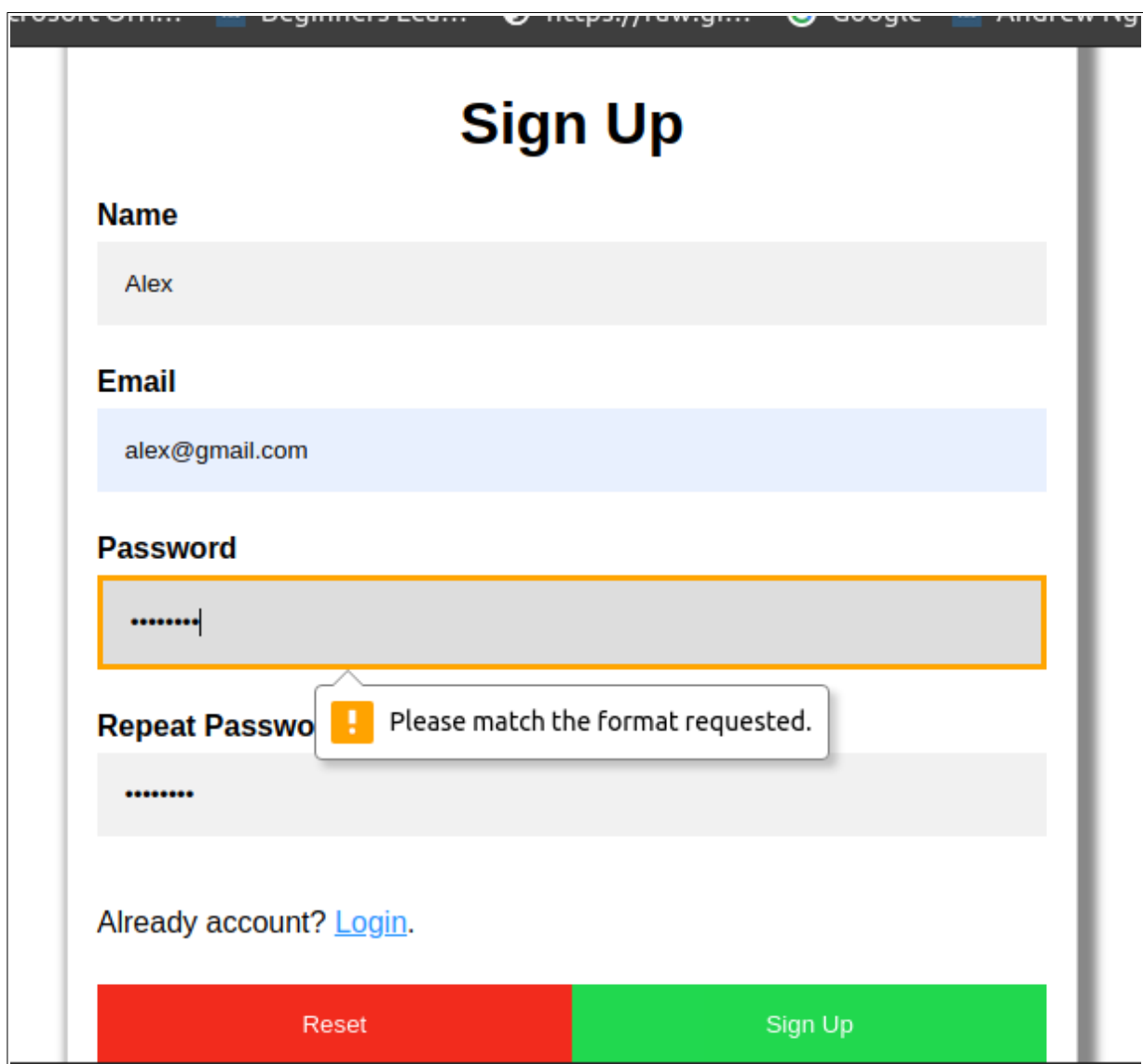
**Password**  
.....

**Repeat Password**  
.....|

Already account? [Login](#).

Reset Sign Up

**Fig.1** Registraion Interface



**Sign Up**

**Name**

Alex

**Email**

alex@gmail.com

**Password**

.....

**Repeat Password**

.....

! Please match the format requested.

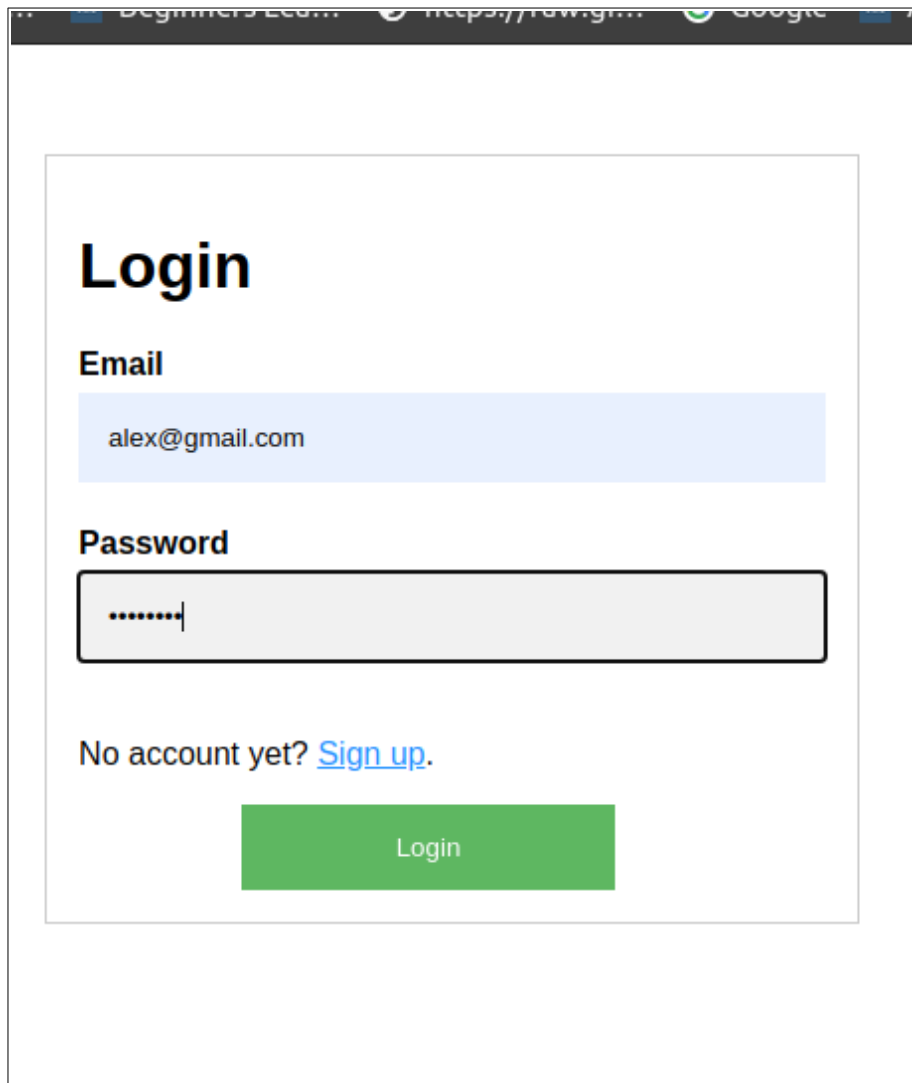
Already account? [Login](#).

Reset Sign Up

**Fig2.** Password validation checks for format not matching



**Fig3.** Error if both passwords dont match.



The image shows a web browser window with a login form. The browser's address bar displays a URL starting with 'https://'. The login form is centered on the page and contains the following elements: a large 'Login' title, an 'Email' label above a light blue input field containing 'alex@gmail.com', a 'Password' label above a grey input field with masked characters '.....', a link 'No account yet? [Sign up.](#)', and a green 'Login' button at the bottom.

.. Beginners Lea... https://raw.gi... Google

# Login

Email

alex@gmail.com

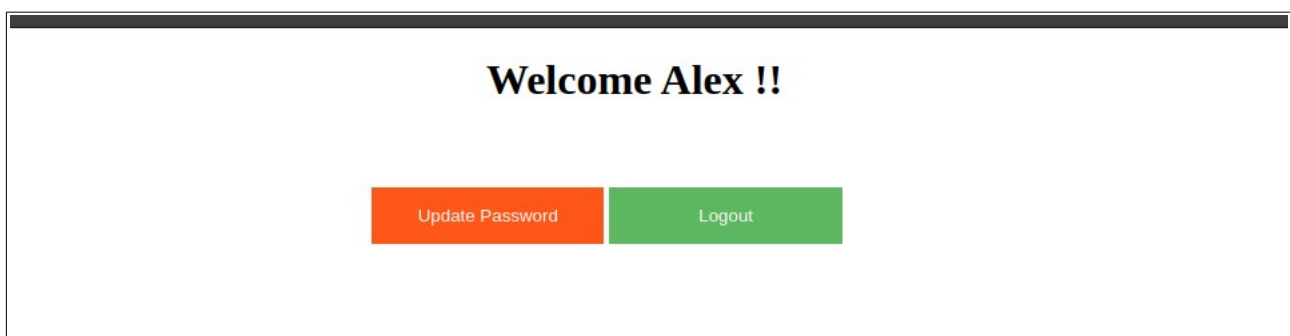
Password

.....

No account yet? [Sign up.](#)

Login

**Fig.4** Login interface



The image shows a profile page with a dark grey header bar. Below the header, the text 'Welcome Alex !!' is displayed in a large, bold font. At the bottom of the page, there are two buttons: an orange 'Update Password' button and a green 'Logout' button.

## Welcome Alex !!

Update Password Logout

**Fig.5.** Profile page after login

**Welcome Alex !!**

**Update Password**

**Password:**

**Repeat Password**

Submit

**Fig6.** Update Password interface

Server: localhost » Database: exp4 » Table: users

Showing rows 0 - 2 (3 total, Query took 0.0006 seconds.)

```
SELECT * FROM `users`
```

☐ Profiling

☐ Show all | Number of rows: 25 | Filter rows: Search this table | Sort by key: None

+ Options

	id	Name	Email	Password
<input type="checkbox"/> Edit Copy Delete	1	Harsh	harsh@gmail.com	Harsh1512
<input type="checkbox"/> Edit Copy Delete	2	aa	aa@aa.com	Harsh1512
<input type="checkbox"/> Edit Copy Delete	3	Alex	alex@gmail.com	Alex1512

↑ ☐ Check all | With selected: Edit Copy Delete Export

**Fig 7.** Database

**Conclusion** – Thus in this experiment we have successfully understood and implemented User Registration-Login System.