

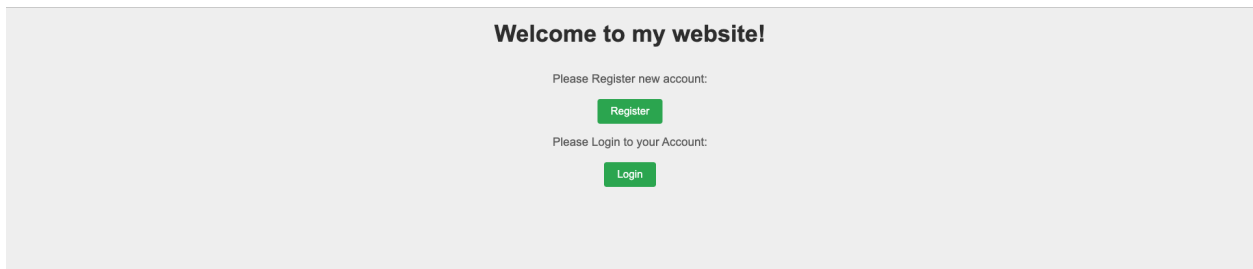
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Assign8

This is a website made using PHP and mysql.

Github: [asmit203/Login-Profile-Database: Mysql & PHP website for login and registration and basic functionality of accounts \(github.com\)](https://github.com/asmit203/Login-Profile-Database)

GDrive: [registration](#)

Link to GDoc: [Assign8](#)



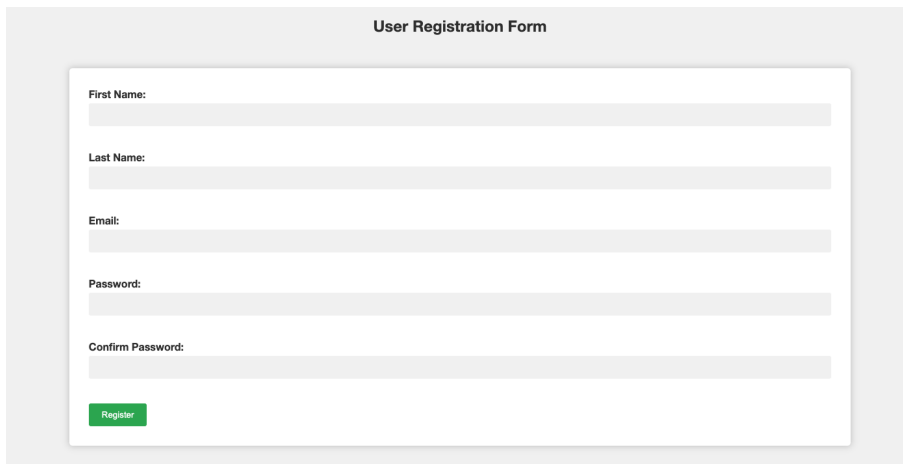
Task 1:

User Registration Form Design a user registration form using HTML, and PHP, and store the user data into a MySQL database.

The form should include the following fields:

- First Name
- Last Name
- Email
- Password
- Confirm Password

The form should validate the user input data, including email validation, password strength, and confirmation match.



User Registration Form

First Name:
Random

Last Name:
Guy

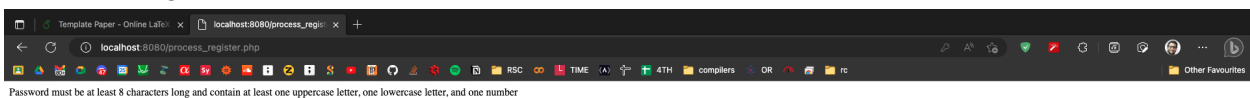
Email:
random123@gmail.com

Password:

Confirm Password:

Register

Password strength:



Upon successful validation, the user data should be stored into a MySQL database table named "users". The "users" table should have the following fields:

- id (Primary Key)
- first_name
- last_name
- email
- password

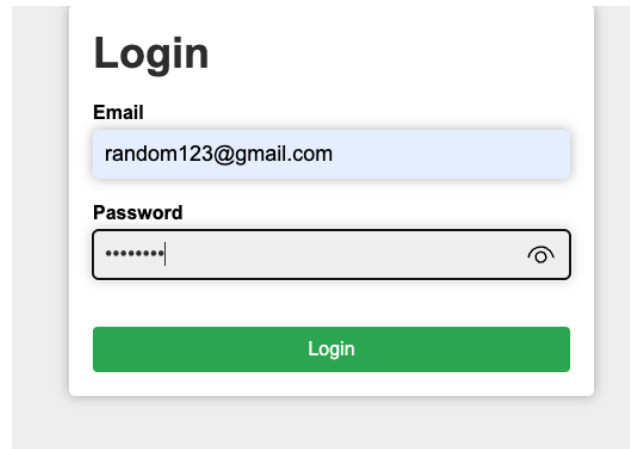
```
mysql> desc users;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id | int unsigned | NO | PRI | NULL | auto_increment |
| firstname | varchar(30) | NO | | NULL | |
| lastname | varchar(30) | NO | | NULL | |
| email | varchar(50) | NO | UNI | NULL | |
| password | varchar(50) | NO | | NULL | |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Task 2: User Login and Authentication Design a user login form using HTML, and PHP that authenticates the user against the previously registered user data stored in the MySQL "users" table. The login form should include the following fields:

- Email
- Password

Upon successful authentication, the user should be redirected to a welcome page that displays the user's first and last name. Otherwise, the login form should display an error message. The user should also be

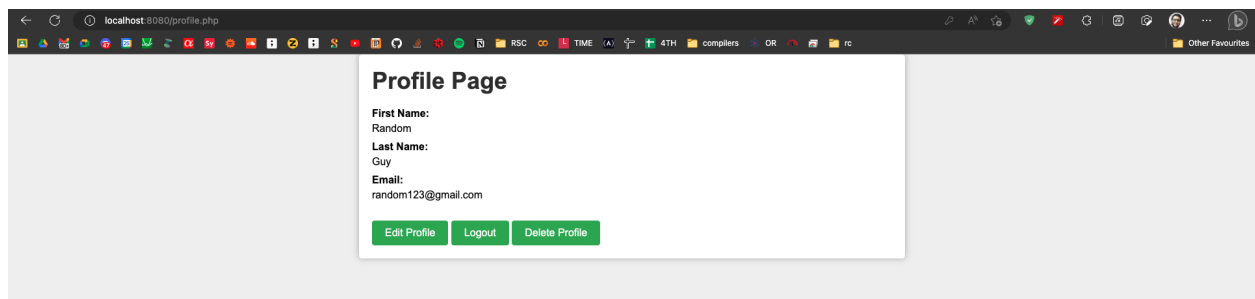
able to view their information, including first name, last name, and email, by clicking on a link in the welcome page. The information should be retrieved from the "users" table and displayed on the information page



The image shows a login form titled "Login". It has two input fields: "Email" with the value "random123@gmail.com" and "Password" with masked characters ".....". There is a green "Login" button at the bottom. A toggle icon for password visibility is located to the right of the password field.

Login Page that leads to Profile page upon successful login.

If the credentials are incorrect then it goes back to the welcome page with url = `http://localhost:8080/index.php?error=Incorrect%20User%20name%20or%20password`



The image shows a profile page titled "Profile Page". It displays the following user information: "First Name: Random", "Last Name: Guy", and "Email: random123@gmail.com". At the bottom, there are three green buttons: "Edit Profile", "Logout", and "Delete Profile". The page is displayed in a web browser window with the address bar showing "localhost:8080/profile.php".

The user should be able to update their information, including first name, last name, and password. The form should include a link to a page that allows the user to update their information. The update information form should display the user's current information and allow them to make changes to their information. Upon submission of the update information form, the user data should be updated in the "users" table. The user should also be able to delete their account. The delete account form should include a confirmation message asking the user to confirm their decision to delete their account. Upon confirmation, the user data should be deleted from the "users" table.

Update profile page:

Update Profile

First Name:

Random

Last Name:

Guy

Email:

random123@gmail.com

Update

Update Password

Update Profile

First Name:

Random_updated

Last Name:

Guy

Email:

random123@gmail.com

Update

Profile Page

First Name:

Random_updated

Last Name:

Guy

Email:

random123@gmail.com

Edit Profile

Logout

Delete Profile

Note: Update password is another form which can be accessed by going through edit profile.

Email (Re-enter to Confirm):

Current Password:

New Password:

Confirm New Password:

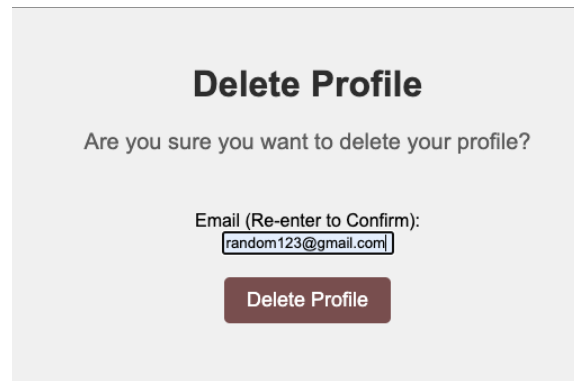
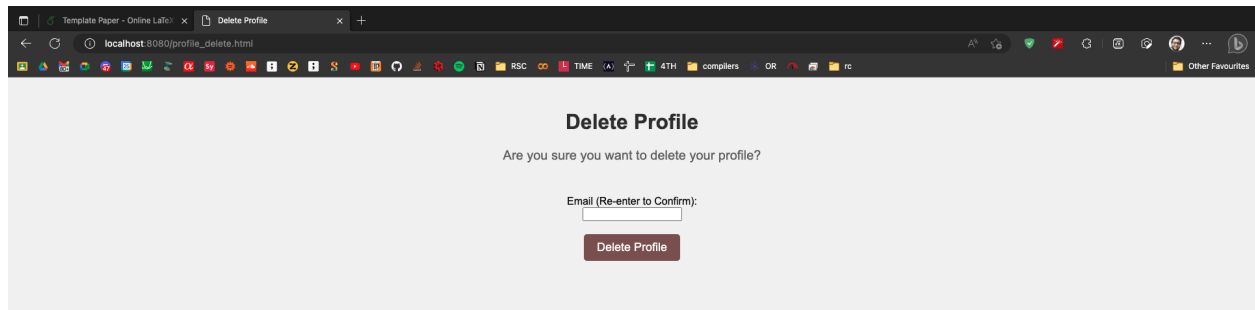
Note: The two users with id = 1 and id = 2 are entered manually to the database hence password doesn't follow the strength rule that is applied in the website.

```
Database changed
mysql> select * from users;
+----+-----+-----+-----+-----+
| id | firstname | lastname | email | password |
+----+-----+-----+-----+-----+
| 1  | Asmit     | Ganguly  | asmit.ganguly@gmail.com | 8918473362 |
| 2  | Toshit    | Tejasvat | toshit@gmail.com        | 1234        |
| 4  | a2        | l2       | a2l2@g.com              | Abcd@123    |
| 9  | archit    | sharma   | archit@g.com            | Abcd@123    |
| 12 | Random    | Guy      | random123@gmail.com     | Abcd@123    |
+----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from users;
+----+-----+-----+-----+-----+
| id | firstname | lastname | email | password |
+----+-----+-----+-----+-----+
| 1  | Asmit     | Ganguly  | asmit.ganguly@gmail.com | 8918473362 |
| 2  | Toshit    | Tejasvat | toshit@gmail.com        | 1234        |
| 4  | a2        | l2       | a2l2@g.com              | Abcd@123    |
| 9  | archit    | sharma   | archit@g.com            | Abcd@123    |
| 12 | Random_updated | Guy      | random123@gmail.com     | Abcd@1234   |
+----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

Delete Profile:

It asks to re enter the email for confirming the deletion so no mistake occurs.



```
5 rows in set (0.00 sec)

mysql> select * from users;
+----+-----+-----+-----+-----+
| id | firstname | lastname | email | password |
+----+-----+-----+-----+-----+
| 1 | Asmit | Ganguly | asmit.ganguly@gmail.com | 8918473362 |
| 2 | Toshit | Tejasvat | toshit@gmail.com | 1234 |
| 4 | a2 | l2 | a2l2@g.com | Abcd@123 |
| 9 | archit | sharma | archit@g.com | Abcd@123 |
| 12 | Random_updated | Guy | random123@gmail.com | Abcd@1234 |
+----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from users;
+----+-----+-----+-----+-----+
| id | firstname | lastname | email | password |
+----+-----+-----+-----+-----+
| 1 | Asmit | Ganguly | asmit.ganguly@gmail.com | 8918473362 |
| 2 | Toshit | Tejasvat | toshit@gmail.com | 1234 |
| 4 | a2 | l2 | a2l2@g.com | Abcd@123 |
| 9 | archit | sharma | archit@g.com | Abcd@123 |
+----+-----+-----+-----+-----+
4 rows in set (0.00 sec)
```