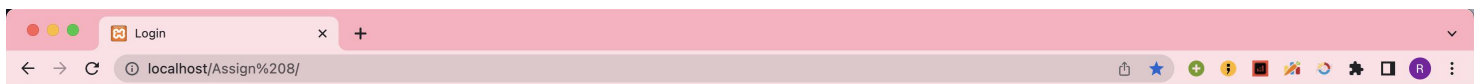


The following pdf is a quick walkthrough depicting all the required features of the registration and sign up portal. Please Note: I have listed my GitHub Repo Link at the end of the pdf for the evaluator to access, view and test my CodeBase.

## Index (Sign In Page)



## Log In

The Login page consists of an email and password field and a login/signup button

## Setting Up the BackEnd DataBase:

```
mysql> create database Assign8
-> ;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> use Assign8;
Database changed
```

```
CREATE TABLE users(id varchar(60),
first_name varchar(60),
last_name varchar(60),
email varchar(60),
password varchar(60));
```

```
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> desc users;
```

| Field      | Type        | Null | Key | Default | Extra |
|------------|-------------|------|-----|---------|-------|
| id         | varchar(60) | YES  |     | NULL    |       |
| first_name | varchar(60) | YES  |     | NULL    |       |
| last_name  | varchar(60) | YES  |     | NULL    |       |
| email      | varchar(60) | YES  |     | NULL    |       |
| password   | varchar(60) | YES  |     | NULL    |       |

```
5 rows in set (0.01 sec)
```

```
alter table users
add primary key (id);
```

```
mysql> desc users;
```

| Field      | Type        | Null | Key | Default | Extra |
|------------|-------------|------|-----|---------|-------|
| id         | varchar(60) | NO   | PRI | NULL    |       |
| first_name | varchar(60) | YES  |     | NULL    |       |
| last_name  | varchar(60) | YES  |     | NULL    |       |
| email      | varchar(60) | YES  |     | NULL    |       |
| password   | varchar(60) | YES  |     | NULL    |       |

```
5 rows in set (0.00 sec)
```

# Sign Up Page (Registration Form)

## Sign up

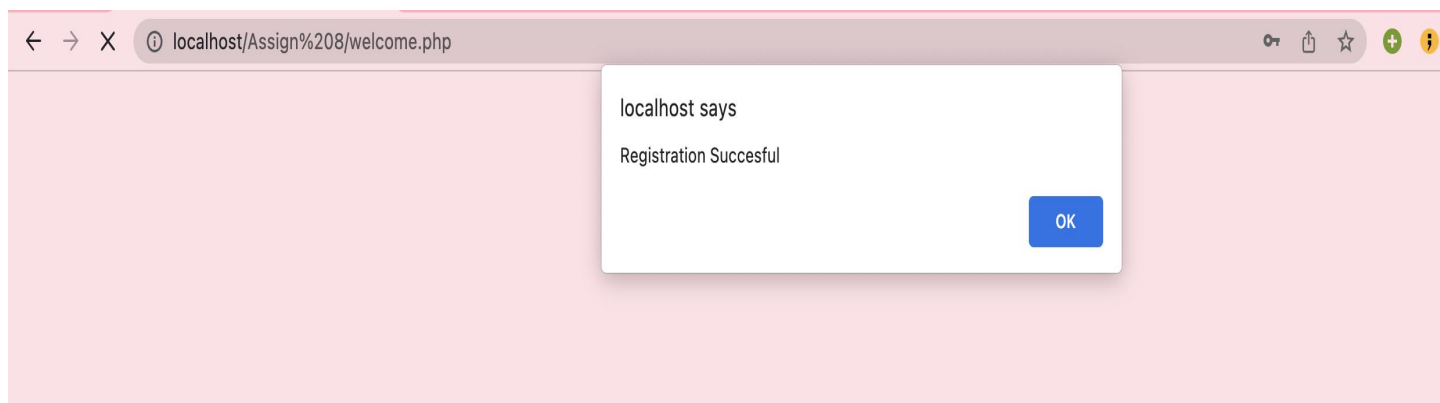
The sign up page has the above displayed fields. It has email and password validation features as well. Both password strength and confirm password and password fields are verified in order to ensure they match. The following errors are displayed in case of incorrect passwords:

ERORR REGISTERING !!! PLEASE TRY AGAIN  
Password must be at least one uppercase letter, lowercase letter, digit, a special character with no spaces and minimum 8 length

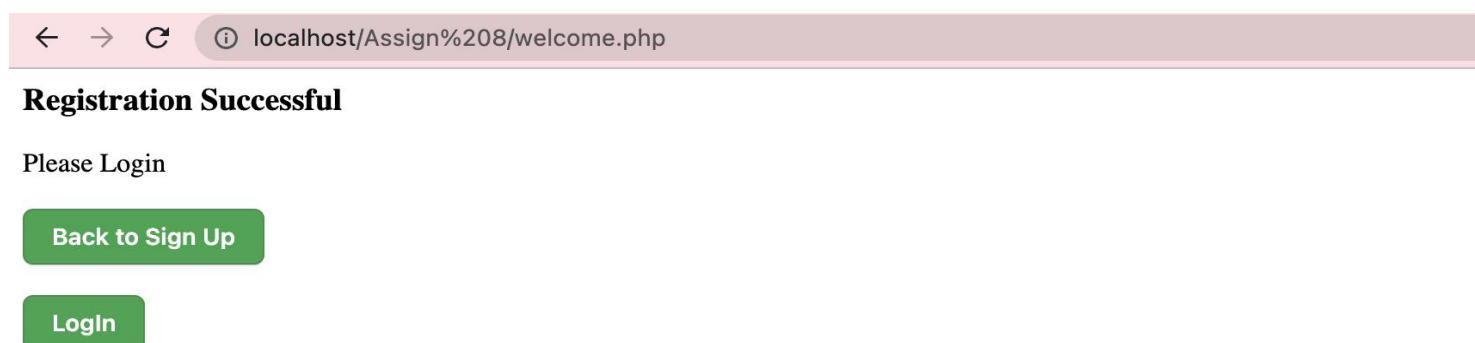
ERORR REGISTERING !!! PLEASE TRY AGAIN  
Password and Confirm Password fields do not match!

## Welocome Page (Successful Registration)

After entering valid data and clicking on Sign Up, the following page is displayed:



And then on clicking 'OK' :



On Clicking the Sign Up button, welcome.php is called through the 'POST' method, which ensures data security. This is where all the field validation takes place, and a succes prompt is returned if there are no errors found.

After clicking SignUp, and once all fields are validated, our database is updated as follows:

```
mysql> select * from users;
+-----+-----+-----+-----+-----+
| id          | first_name | last_name | email                               | password |
+-----+-----+-----+-----+-----+
| 6428f35558d22 | Rishikant | Chigrupaatii | rishikant_2101cs66@iitp.ac.in | $Armour$36 |
+-----+-----+-----+-----+-----+
1 row in set (0.01 sec)

mysql>
```

I shall be signing up a few more users, just to verify the changes in the database:

```
mysql> select * from users;
```

| id            | first_name | last_name    | email                         | password     |
|---------------|------------|--------------|-------------------------------|--------------|
| 6428f35558d22 | Rishikant  | Chigrupaatii | rishikant_2101cs66@iitp.ac.in | \$Armour\$36 |
| 6428fa4de1684 | Suraj      | Warrier      | suraj@gmail.com               | \$Warrier69  |
| 6428fd4d2b052 | Sai        | Kanishka     | aksinak@iitp.ac.in            | \$Tulasi96   |

```
3 rows in set (0.00 sec)
```

```
mysql> █
```

Let us go back to our Login Page, and try logging in as, Rishikant Chigrupaatii (the 1<sup>st</sup> user):

First I shall enter the wrong password, to see what happens:



## Log In

Email

rishikant\_2101cs66@iitp.ac.in

Password

\*\*\*\*\*

Log In

SignUp



Wrong Email or Password!

Back to Login

An error message is displayed!, and loggedin.php was called.

# Dashboard (After Successfully Logging In)

Now, I have enetered the right credentials, and clicked on Log In:

← → ↻ ⓘ localhost/Assign%208/dashboard.php

## Dashboard

Welcome, Rishikant Chigrupaatii

**Current Information:**

First Name: Rishikant  
Last Name: Chigrupaatii  
Email Id: rishikant\_2101cs66@iitp.ac.in

Update Info

Delete Account

Log Out

I am redirected to dashboard.php, which is the User DashBoard.  
The User’s Current Information is diplayed, along with features to let you Update your info, Delete your account and Logout

## Update Info (After Clicking on the Update Info button)

← → ↻ ⓘ localhost/Assign%208/UpdateInfo.php

Update Info

First Name

Rishikant

Last Name

Chigrupaatii

Email

rishikant\_2101cs66@iitp.ac.in

Password

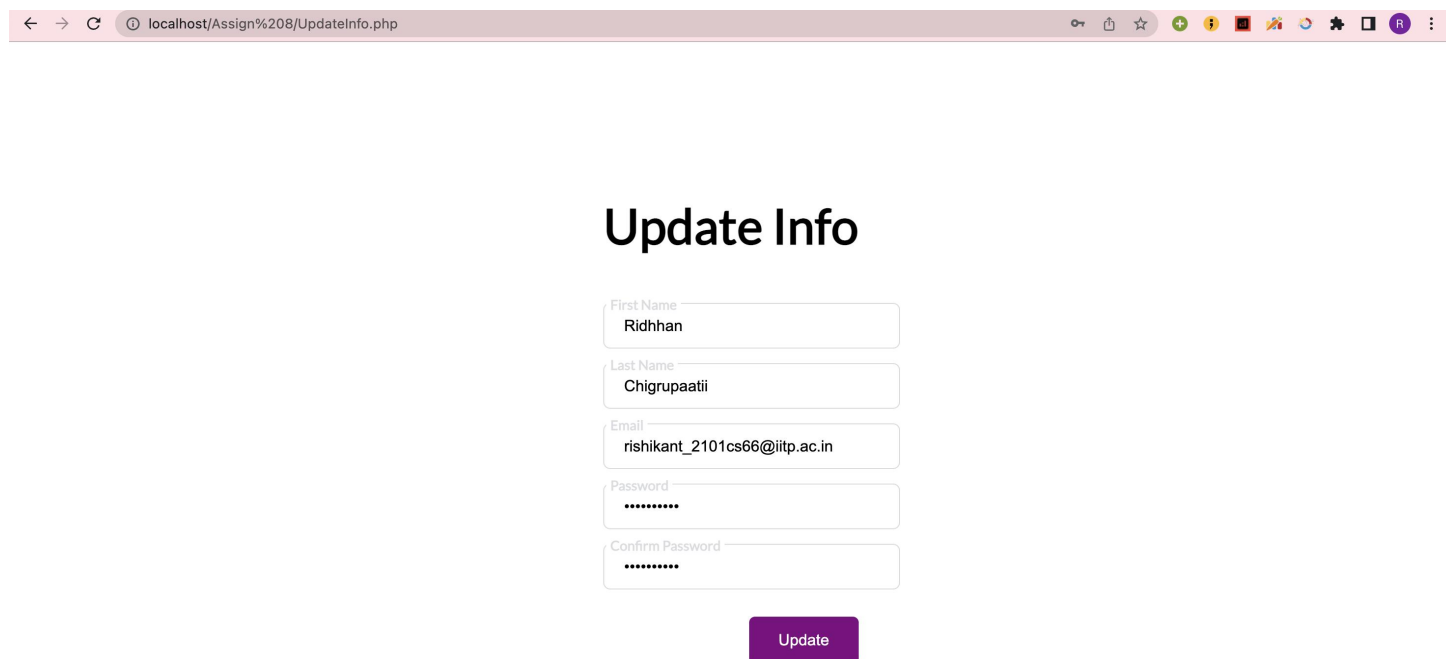
\*\*\*\*\*

Confirm Password

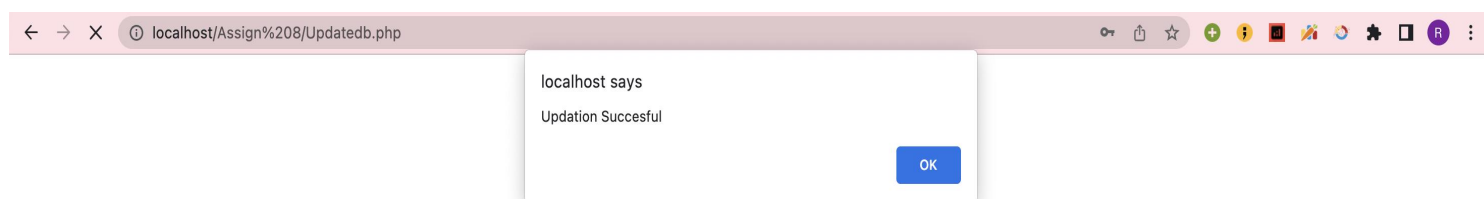
\*\*\*\*\*

Update

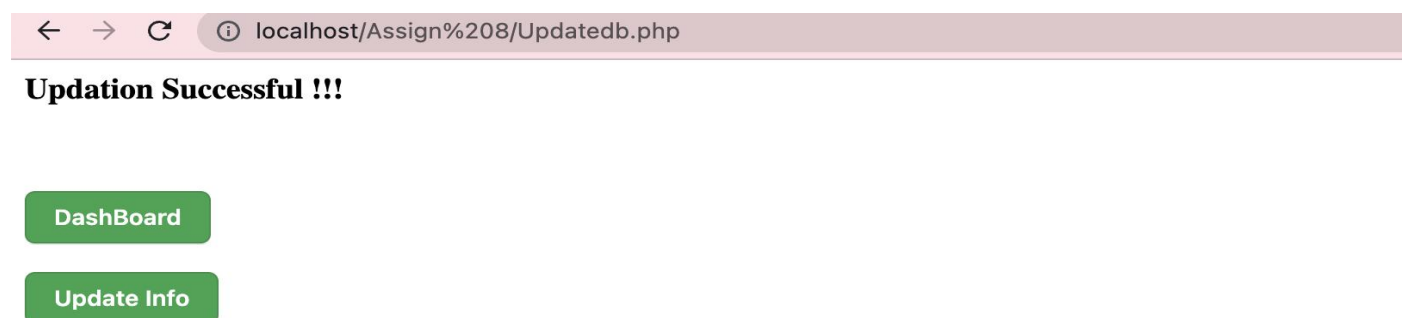
All the fields in the update page are pre-filled with the current/existing user info. You can then change the data in whichever field you like, and finally click on the update button. Here I shall change the firstname to 'Ridhhan' from 'Rishikant' and click on Update:



## Update DB (After Changing info and Clicking on the Update Button)



And then on clicking 'OK' :



Now, I shall click on the Dashboard button, to go back to my profile and view the changes.

← → ↺

localhost/Assign%208/dashboard.php

🔖 ☆

### Dashboard

Welcome, Ridhhan Chigrupaatii

**Current Information:**

First Name: Ridhhan  
Last Name: Chigrupaatii  
Email Id: rishikant\_2101cs66@iitp.ac.in

Update Info

Delete Account

Log Out

The profile now has changed the first name from Rishikant to Ridhhan. Let us view the changes in the backend database as well:

```
mysql> select * from users;
```

| id            | first_name | last_name    | email                         | password     |
|---------------|------------|--------------|-------------------------------|--------------|
| 6428f35558d22 | Ridhhan    | Chigrupaatii | rishikant_2101cs66@iitp.ac.in | \$Armour\$36 |
| 6428fa4de1684 | Suraj      | Warrier      | suraj@gmail.com               | \$Warrier69  |
| 6428fd4d2b052 | Sai        | Kanishka     | aksinak@iitp.ac.in            | \$Tulasi96   |

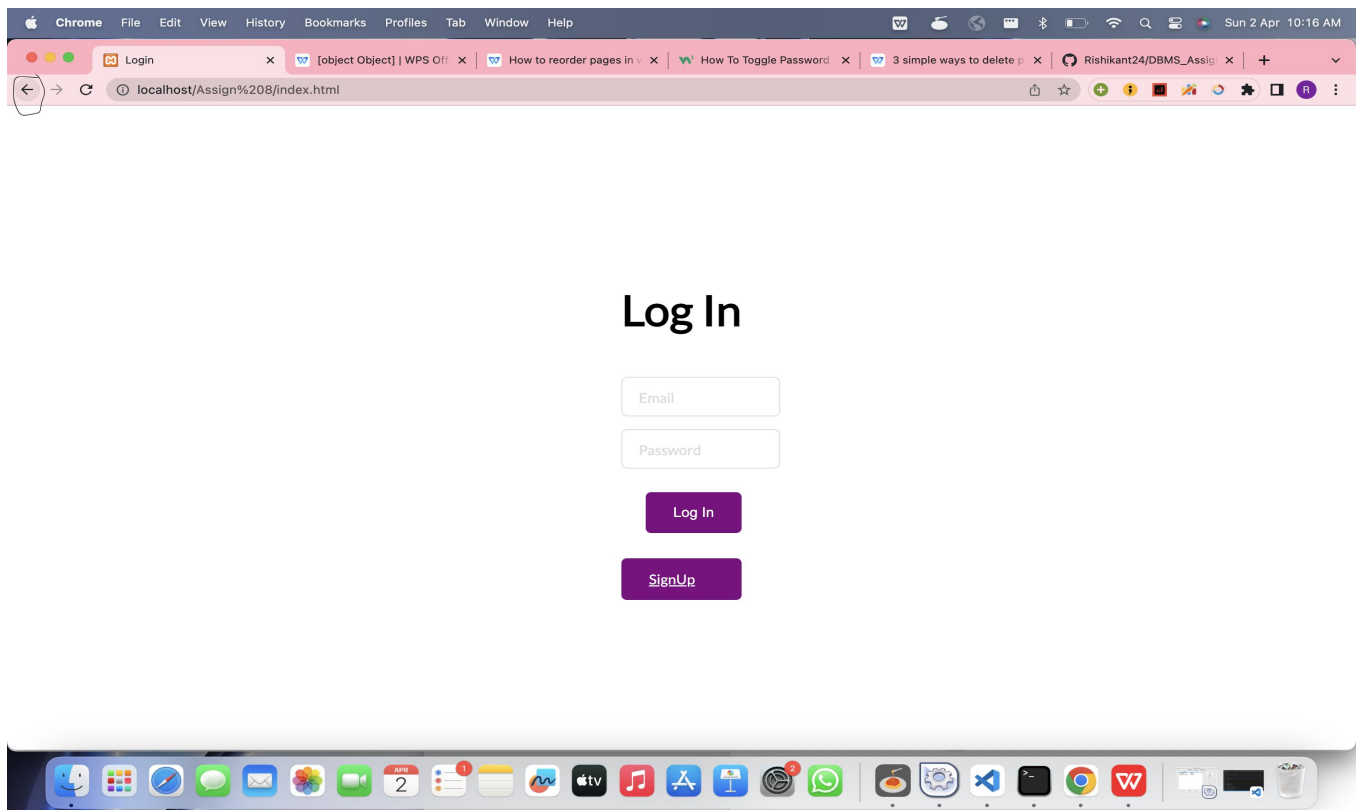
```
3 rows in set (0.00 sec)
```

```
mysql>
```

Logout:

On clicking the Log Out Button, there is a 2 second delay, after which the page is redirected to the Log In Page, and the back button functionality here is automatically disabled, hence ensuring top notch security and not allowing the user to go back to his account page. He must enter his creds again, if he wishes to view his account. Along with this the php code terminates the session, thus destroying all the user data which were help in the global variables!!! Thus the log out button does log the user out, without any bugs or loopholes.

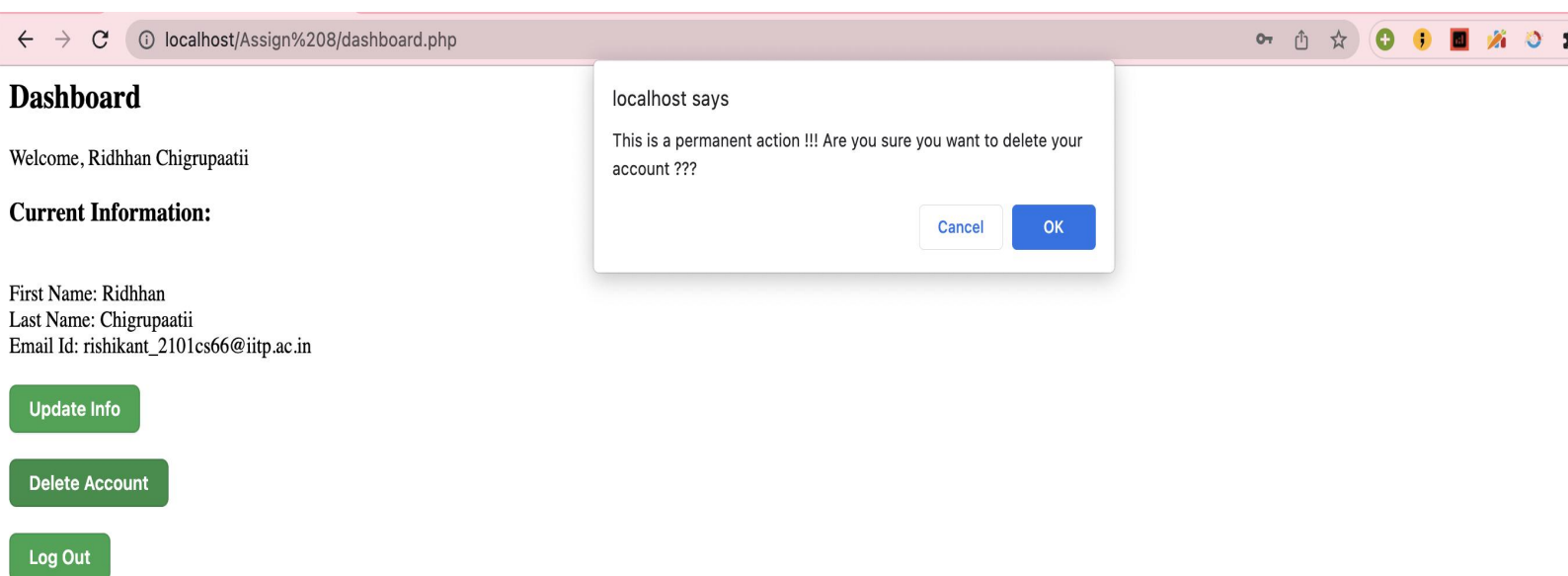




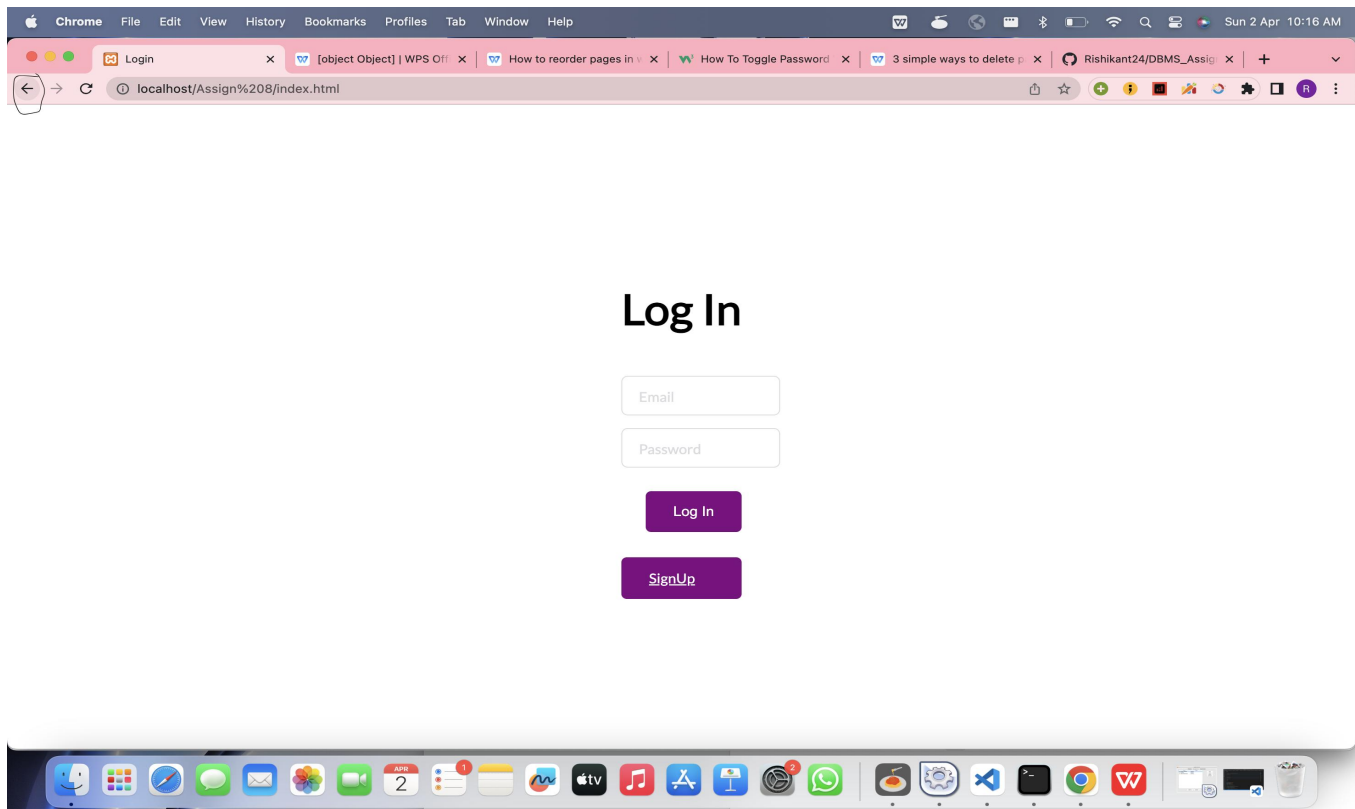
Redirected Successfully, along with the fact that the back button does not take you to the previous page, even after clicking it. It has been circled in the picture above

## Delete Account:

This first generates a confirmation prompt, and deletes the account only after clicking yes:



And then on clicking 'OK' :



Redirected Successfully, along with the fact that the back button does not take you to the previous page, even after clicking it. It has been circled in the picture above

(SIMILAR TO LOG OUT)

Let us now view the database to see if the account data has been deleted from it or not:

```
mysql> select * from users;
```

| id            | first_name | last_name | email              | password    |
|---------------|------------|-----------|--------------------|-------------|
| 6428fa4de1684 | Suraj      | Warrier   | suraj@gmail.com    | \$Warrier69 |
| 6428fd4d2b052 | Sai        | Kanishka  | aksinak@iitp.ac.in | \$Tulasi96  |

```
2 rows in set (0.00 sec)
```

```
mysql>
```

Voila! The record has been succesfully deleted!!!

GITHUB REPO LINK FOR CODEBASE:

[https://github.com/Rishikant24/DBMS\\_Assign8](https://github.com/Rishikant24/DBMS_Assign8)

This concludes the quick walkthrough!!!

Clearly all of the required functionalities have been accomplished, along with some additional ones infact.

Thank You.