ENSE 885 AJ

Software Design and Architecture

Assignment #6

Email Conformation Subscription

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Note:

Access home page using http://142.3.27.3/home.php

Access login page using http://142.3.27.3/login.php

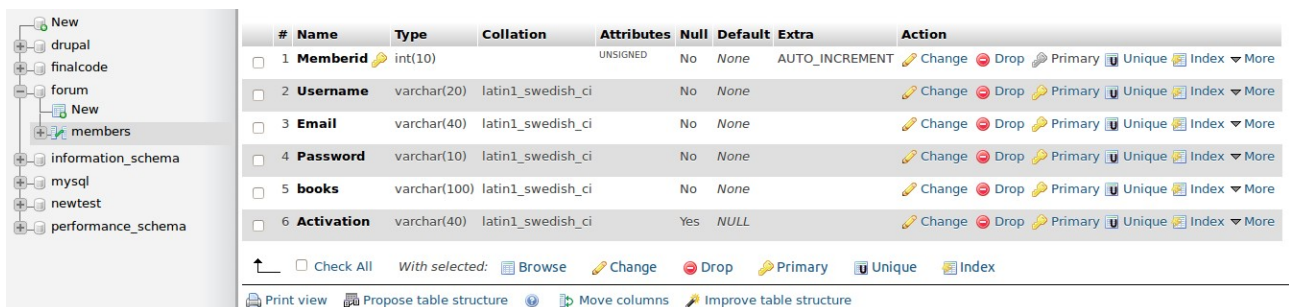# EMAIL CONFORMATION SUBSCRIPTION

Here, with this pdf file, I have attached 8 more files with codes on it. Those file names are listed as follows

1. **database_connection.php** - Database connection details
2. **home.php** - Subscribers entry page
3. **activation.php** – Email activation message page
4. **login.php** - simple login page for registered subscribers
5. **page.php** - display the subscried data from database
6. **edit.php** - page for editing the subscription
7. **update.php** - page which updates the changes in database (hidden page)
8. **logout.html** - simple logout page with message

From the Assignment #2, I used the same codes and designs with more additional changes required for this Assignment #6.

Database Configuration

In PhpMyAdmin, I created database with a table and its fields as given below

In the database_connection.php file, I used the database, table and field names. Also there I configured the details of SMTP and Email

SMTP as smtp.uregina.ca

Email as aravindmerrick@gmail.com

SMTP used to send the activation link using the mail id mentioned to the subscriber on clicking the activation link, the subscriber's email have registered into the database The screenshots of all the webpages and the process of how it works are given clearly as follows

Home Page – home.php (http://142.3.27.3/home.php)

after entering the data and click susbcribe it send an activation mail to the particular email that subscriber mentioned in the Email column. If he/she is an already registered user, there is a link which takes them to the login page.
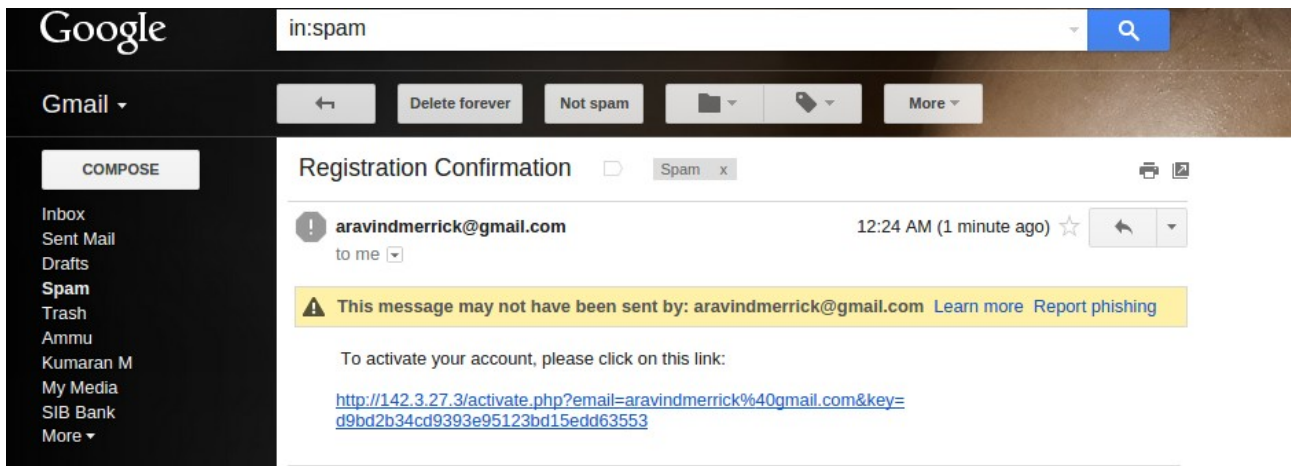

It display a message after clicking subscribe button as "Thanks for registering, and An activation email has been sent" like that.

DB before Activation

under the Activation field it generates random key with the combination of alpha-numeric character

Email Activation Link

DB after Activation
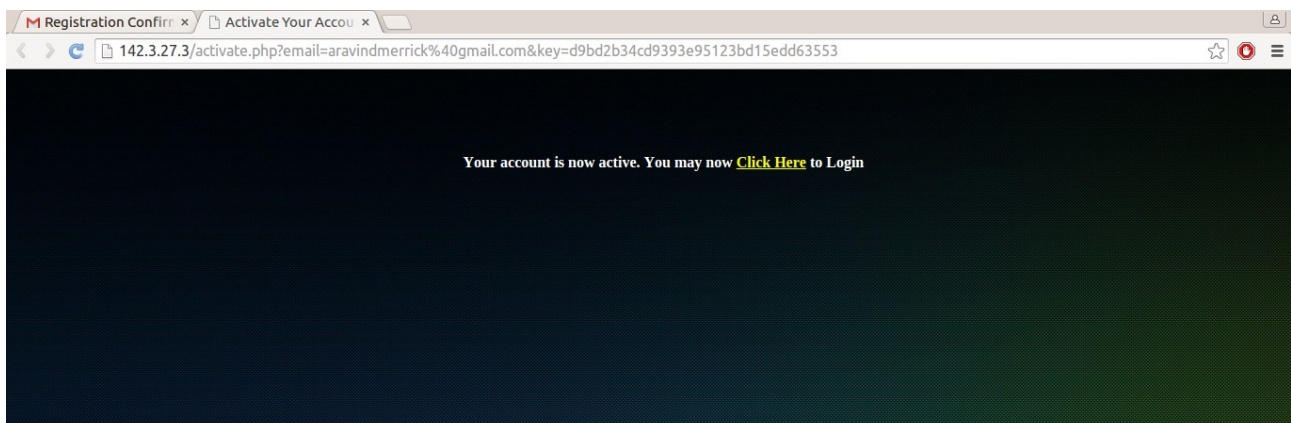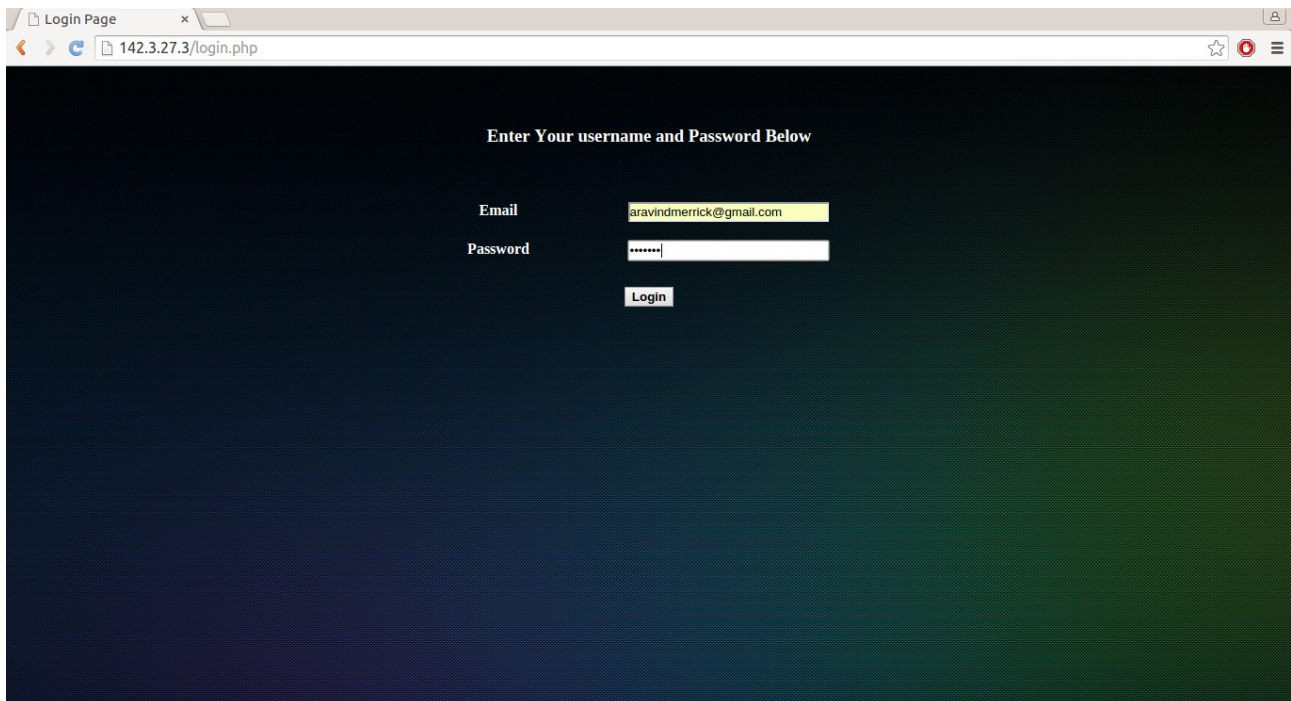

once the activation link is clicked by the subscriber, in the database, in Activation field the random key alpha-numeric combination has changed to NULL.

Activation Page - activation.php

On clicking activation link on email, it takes to the activation page says the message whether email is activated or not

Login Page – login.php (http://142.3.27.3/login.php)

once the email is activated, the subscriber can be able to login using his/her email id and password and while clicking login button it takes to the page.php

Display Page – page.php (http://142.3.27.3/page.php)

here in this page it welcome the subscriber and displays name, email and subscribed e-books and an option link to edit the subscription or logout button

Edit Page – edit.php (http://142.3.27.3/edit.php)
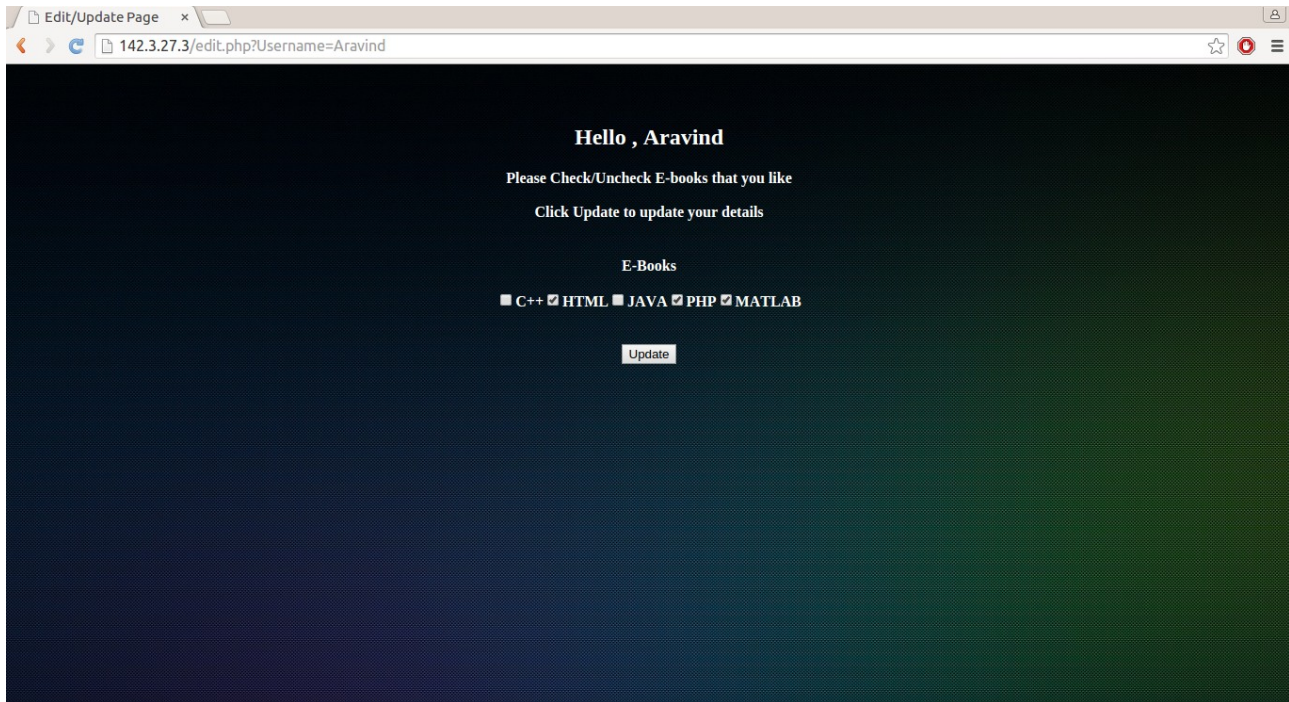
this page fetches the data from the database and allows the user to make changes to the subscription and needs to click update button to be updated in the database

As we know from the Activation area, the subscribed books of the user here, I mention is "HTML, PHP, MATLAB" and made changes to "C++, JAVA"
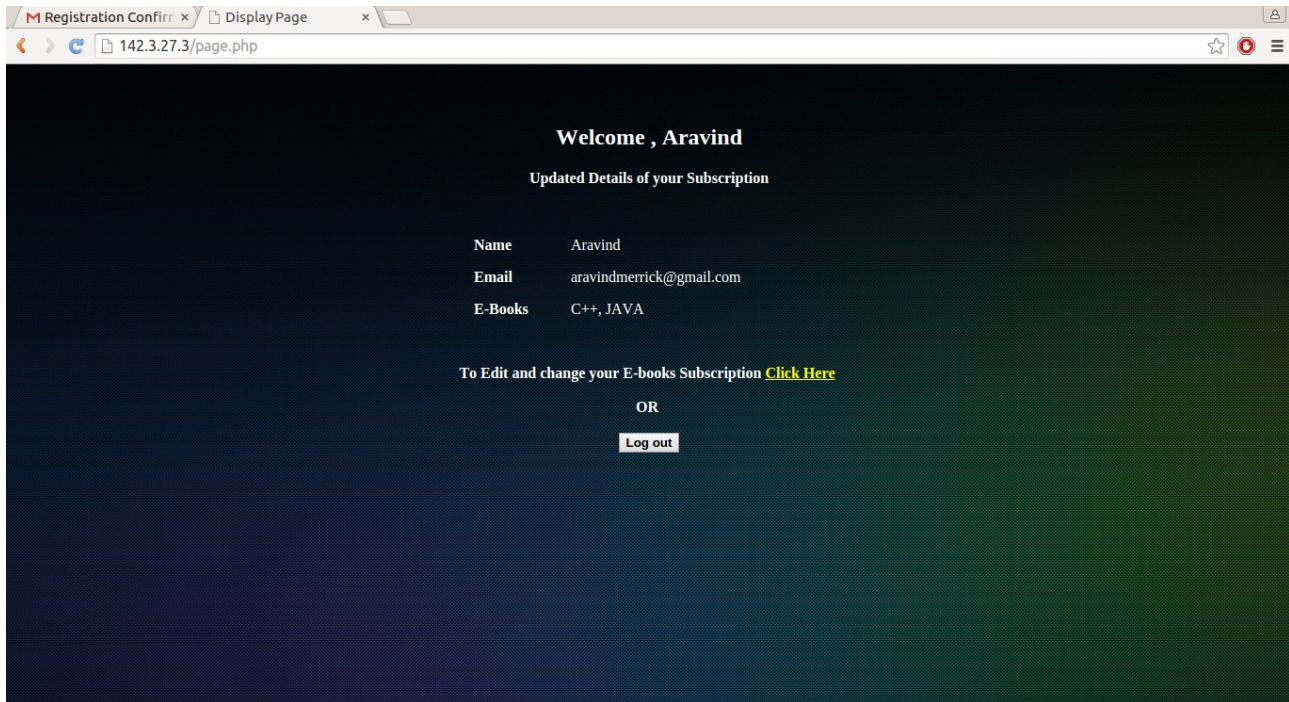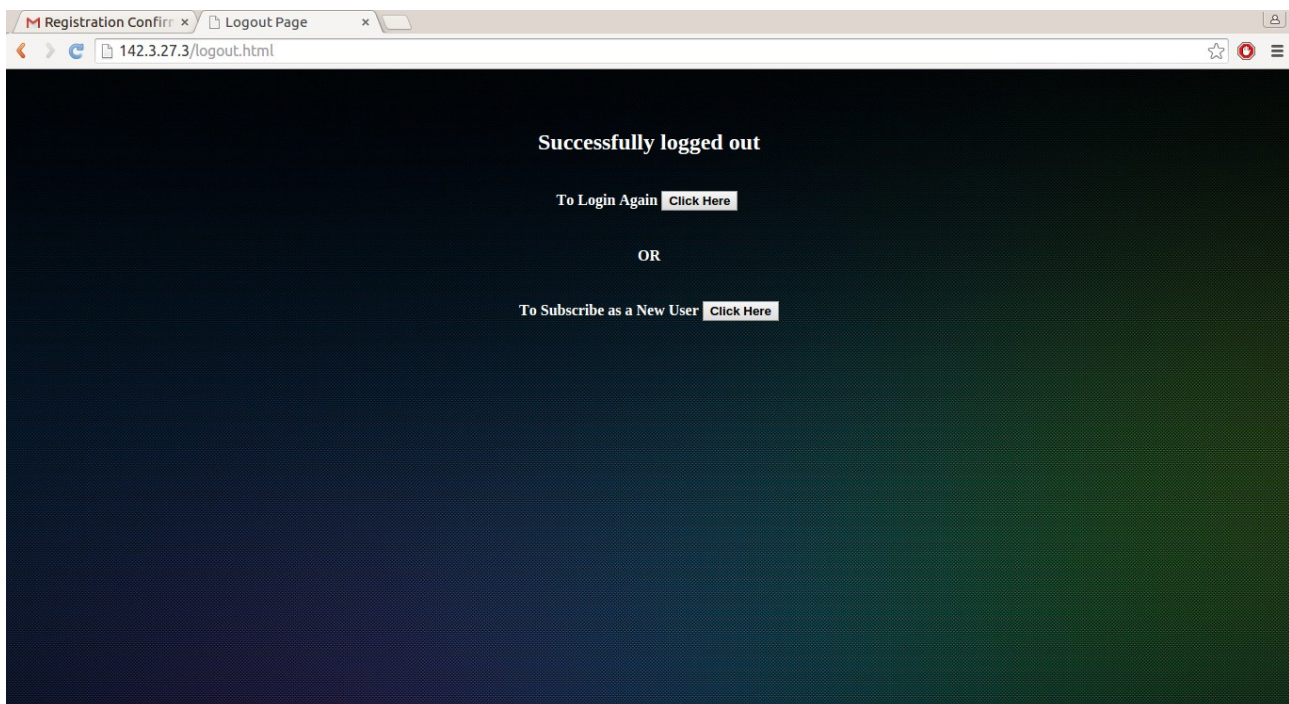
DB before update

DB after update

The UPDATE butto on edit.php is connected with the update.php page, which does the update process and make changes in the database and again takes to page.php which shows the result of updated changes

Updated Page – page.php

Logout Page – logout.html (http://142.3.27.3/logout.html)

This is the simple html page which says the user has successfully logged out and gives them option to go the home.php page or login.php page

References:

1. Email Activation

- http://youhack.me/2010/04/01/building-a-registration-system-with-email-verification-in-php/

2. Checkbox Database Fetch

- https://www.youtube.com/watch?v=YfSI5OaJkOs&index=21&list=PL2nsdvImagM-M5zx1wxm2u8JR_qrTPtp0
- https://www.youtube.com/watch?v=TlaVvFOPVDQ&index=22&list=PL2nsdvImagM-M5zx1wxm2u8JR_qrTPtp0

3. HTML

- http://www.w3schools.com/html/

4. PHP

- http://www.w3schools.com/php/
- http://www.tutorialspoint.com//php/index.htm