Member Min- Registration and Login Specification and Click Path.

Contents

PHP SITE DEPLOY LINK

Pre-Requirement:

PHP website setup. Read Memberlogin\README.rst for more details in zipped files provided in GitHub https://github.com/MaqSaid/miniRegisNlogin

Pre-Requirement:

Mini Registration and Membership Login Specification

1) Customised member account Mini Registration page that takes username, password and gender.
2) Login page that takes username and password.
3) Mini Registration and Login pages are accessible from the home page.
4) I have created a members table to store the user name, gender and password.
5) Database Validation: You cannot add same user again in database.
6) The password is encrypted using php hash algorithm.
   http://php.net/manual/en/function.password-hash.php
7) Client validation does not allow blank user name, gender and password.
8) Current minimum length of name and password is 8 (which can be extended a per business requirement)
9) You may want to further allow the password to be made of combination of alphabets, numbers and special characters.

OUT OF SCOPE FOR CURRENT WORKING PAGES

BUT CAN BE EXTENDED BY ADDING RELEVANT COLUMNS IN MEMBERS TABLE AND SCRIPTING

1) Currently as soon as valid user is created, is set to Active="Yes" in database
2) Instead activation of registered user name and password can be done by sending activation link by email to user and if user confirms, the active flag can be changed from "No" to "Yes"
3) Reset of forgotten password can be done by sending reset page link by email to user.
4) For Successful Login of User, the Membership Page is kept Blank for current project.
5) Current Member Registration Page will be extended in future to accept more details like Address, Email and Phone, Timestamp as per Business Requirement.

Database and Table

I have the following members table structure in SQLite database

```
CREATE TABLE `members` (
        `memberID`      INTEGER PRIMARY KEY AUTOINCREMENT,
        `username`      varchar(255) NOT NULL, // User Name. This could be reduced to 12.
        `password`      varchar(255) NOT NULL, // Stored encrypted password
        `gender`        char(1) NOT NULL,    // Can be only M,F, O
        `active`         varchar(255) NOT NULL DEFAULT 'Yes' // Default new user created as active.
);
```
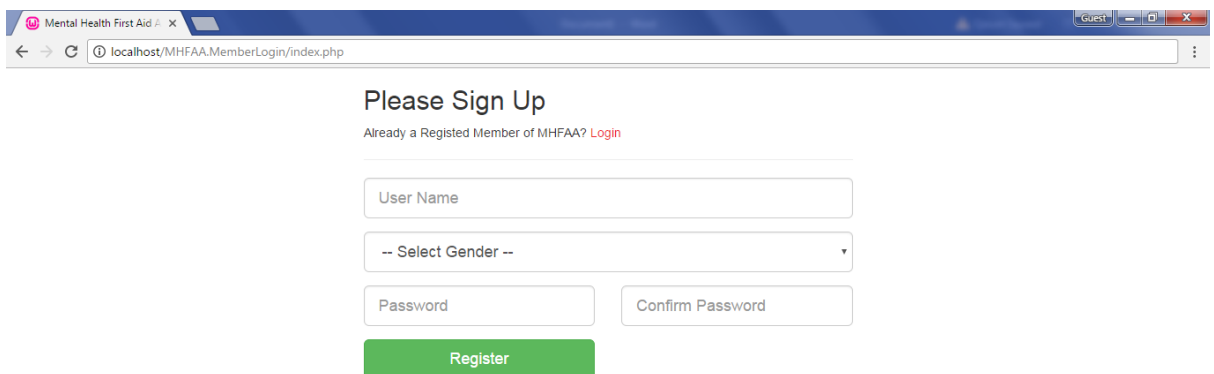
TECHNICAL SPECIFICATION

Pre-Requirement:

1) PHP website setup. Read MemberLogin\README.rst for more details

2) The code uses PDO extension and PDO SQLITE driver to connect to SQLite database, both should be enabled by default as of PHP 5.1.0.

Coding Details

1) This code contains PHP 5.6.25 , HTML5,CSS, bootstrap, JavaScript and SQLite Database and Members table to Register New User.

2) The New Member/User Page sign's up using user name, gender and password and validate for username & password length and makes selecting gender mandatory.

3) The successfully created user is allowed to enter the membership page area (currently blank)

4) The data inserted is stored and validated using members table.

5) The password is encrypted using php hash algorithm http://php.net/manual/en/function.password-hash.php and stored in database

CLICK PATH OF PAGES DEVELOPED IS AS FOLLOWS
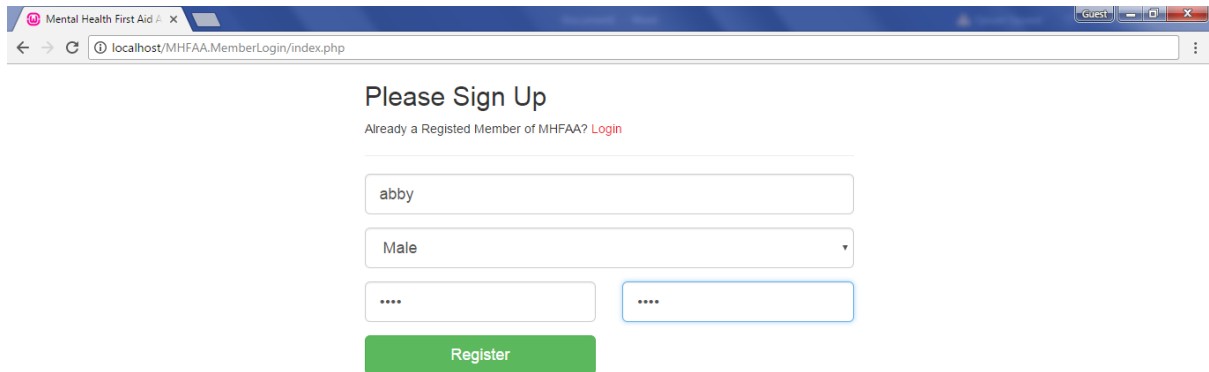
1) Home Page to allow new user to Register and Login link for existing user.

Member Min- Registration and Login Specification and Click Path.

2) The sample data entry screen for New User Signup.
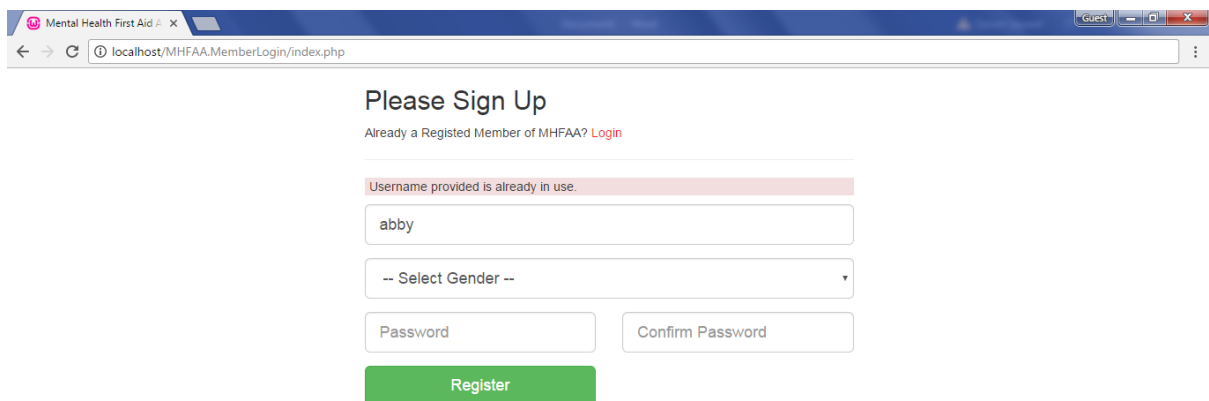
3) The user already exists validation message if you try to register same user again

Member Min- Registration and Login Specification and Click Path.

4) New User Mini-Registration screen using user name, gender and password

5) The screen shown after user record is successfully created (see table members in SQLite database UserInfo.sq3.)
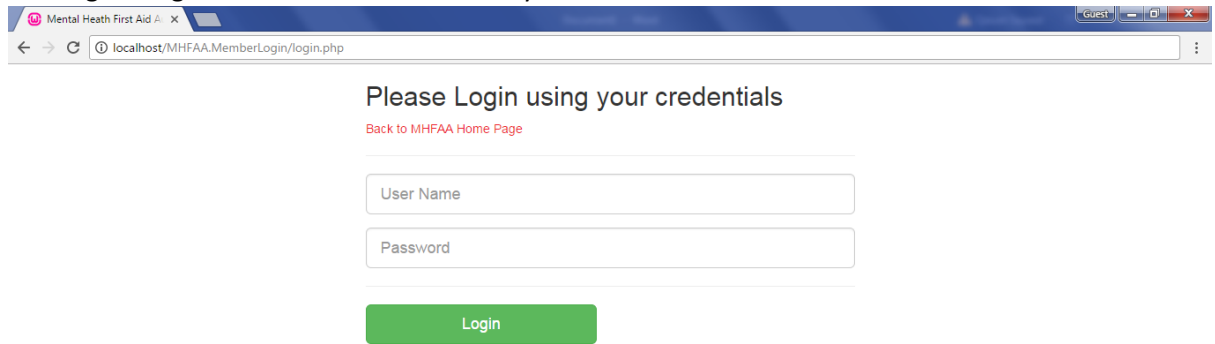
6) Clicking on Login on above screen will take you to below screen.
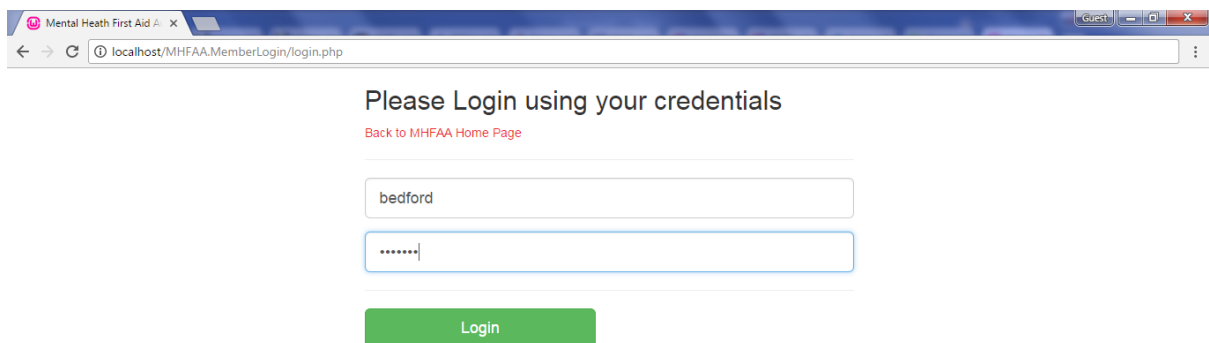
7) The previously registered user can enter username and password as below.

8) If logged in successfully, will take you to the user welcome page as below (Currently kept blank)
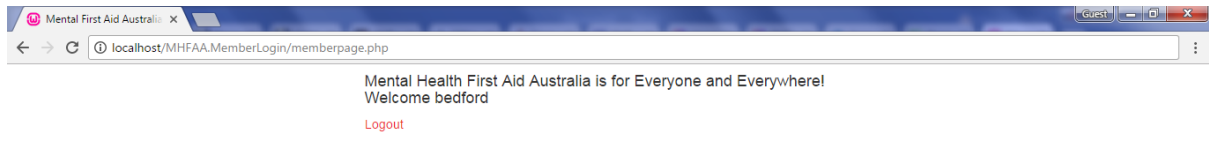
9) Clicking on Logout in above screen will bring you back to Home page