theshrewedshrew / **login**

https://github.com/fethica/PHP-Login

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therecluse26 … ✓ on Jul 23, 2017

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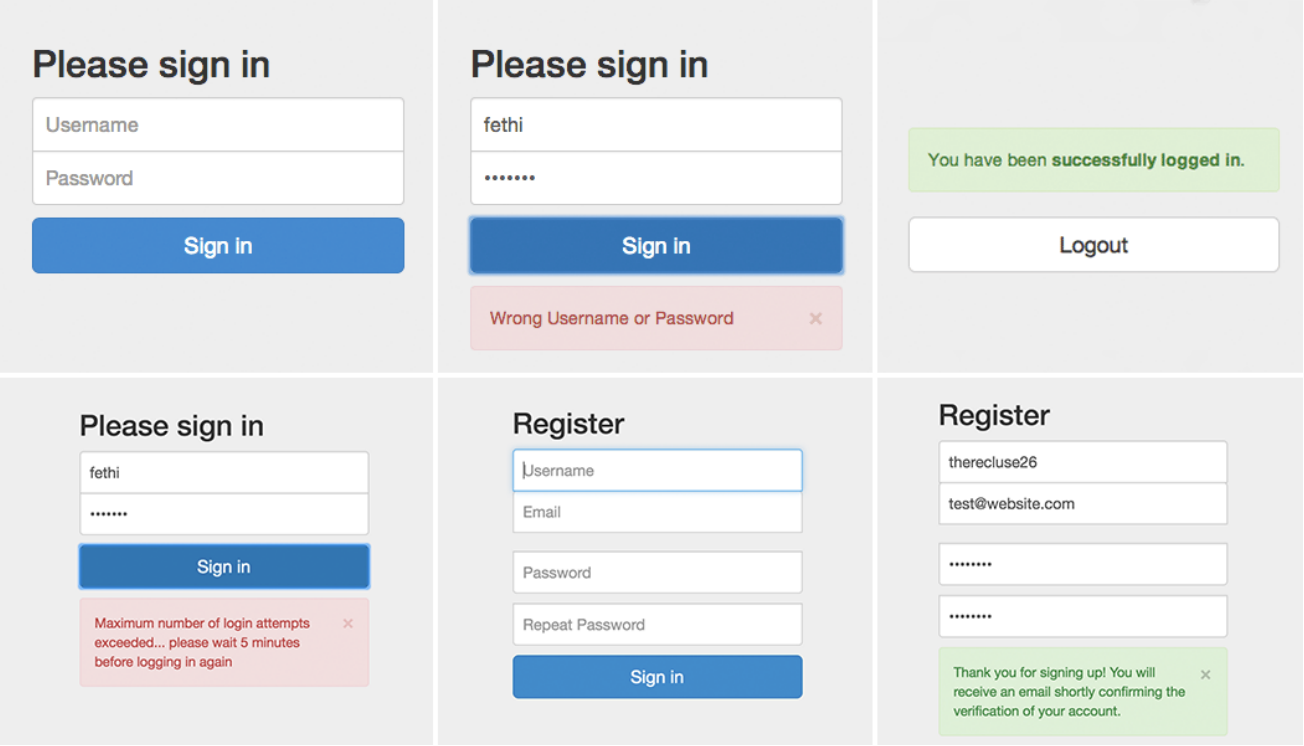
README.md

PHP-Login

A simple, secure login and signup system with PHP, MySQL and jQuery (AJAX) using Bootstrap 3 for the form design as well as PHP-Mailer for user account verification and confirmation



Wrong Username or Password

You have been **successfully logged in.**

Maximum number of login attempts exceeded... please wait 5 minutes before logging in again

Thank you for signing up! You will receive an email shortly confirming the verification of your account.

Installation

Clone the Repository (recursively to include PHP-Mailer submodule)

```
$ git clone --recursive https://github.com/fethica/PHP-Login.git
```

Creating the MySQL Database

Create database "login" and create tables "members" and "loginAttempts" :

```
CREATE TABLE `members` (
  `id` char(23) NOT NULL,
  `username` varchar(65) NOT NULL DEFAULT '',
  `password` varchar(65) NOT NULL DEFAULT '',
  `email` varchar(65) NOT NULL,
  `verified` tinyint(1) NOT NULL DEFAULT '0',
  `mod_timestamp` timestamp NOT NULL DEFAULT CURRENT_TIMESTAMP ON UPDATE CURRENT_TIME
  PRIMARY KEY (`id`),
  UNIQUE KEY `username_UNIQUE` (`username`),
  UNIQUE KEY `id_UNIQUE` (`id`),
  UNIQUE KEY `email_UNIQUE` (`email`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `loginAttempts` (
  `IP` varchar(20) NOT NULL,
  `Attempts` int(11) NOT NULL,
  `LastLogin` datetime NOT NULL,
  `Username` varchar(65) DEFAULT NULL,
  `ID` int(11) NOT NULL AUTO_INCREMENT,
  PRIMARY KEY (`ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;
```

Setup the `login/dbconf.php` file

```
<?php
    //DATABASE CONNECTION VARIABLES
    $host = "localhost"; // Host name
    $username = "user"; // Mysql username
    $password = "password"; // Mysql password
    $db_name = "login"; // Database name
```

Setup the `login/config.php` file

Read code comments for a description of each variable

```
<?php
    //Set this for global site use
    $site_name = 'Test Site';

    //Maximum Login Attempts
    $max_attempts = 5;
    //Timeout (in seconds) after max attempts are reached
    $login_timeout = 300;

    //ONLY set this if you want a moderator to verify users and not the users themsel
    $admin_email = '';

    //EMAIL SETTINGS
    //SEND TEST EMAILS THROUGH FORM TO https://www.mail-tester.com GENERATED ADDRESS
    $from_email = 'youremail@domain.com'; //Webmaster email
    $from_name = 'Test Email'; //"From name" displayed on email

    //Find specific server settings at https://www.arclab.com/en/kb/email/list-of-smt
    $mailServerType = 'smtp';
    //IF $mailServerType = 'smtp'
    $smtp_server = 'smtp.mail.domain.com';
    $smtp_user = 'youremail@domain.com';
    $smtp_pw = 'yourEmailPassword';
    $smtp_port = 465; //465 for ssl, 587 for tls, 25 for other
    $smtp_security = 'ssl';//ssl, tls or ''

    //HTML Messages shown before URL in emails (the more
    $verifymsg = 'Click this link to verify your new account!'; //Verify email messag
    $active_email = 'Your new account is now active! Click this link to log in!';//Ac
    //LOGIN FORM RESPONSE MESSAGES/ERRORS
    $signupthanks = 'Thank you for signing up! You will receive an email shortly conf
    $activemsg = 'Your account has been verified! You may now login at <br><a href="'
    //IGNORE CODE BELOW THIS
```

Place this code (from `index.php`) at the head of each page :

> *** **Important** *** Checks to see if username $_SESSION variable is set. If not set, redirects to login page.

```
<?php require "login/loginheader.php"; ?>
```

Check the Username and the Password using jQuery (Ajax) :

If the user has the right username and password, then the `checklogin.php` will send 'true', register the username and the password in a session, and redirect to `index.php` . If the username and/or the password are wrong the `checklogin.php` will send "Wrong Username or Password".

Signup/Login Workflow:

> 1. Create new user using `signup.php` form (note: validation occurs both client and server side) **Validation requires:** - Passwords to match and be at least 4 characters - Valid email address - Unique username
> 2. Password gets hashed and new GUID is generated for User ID
> 3. User gets added to database as unverified
> 4. Email is sent to user email (or $admin_email if set) with verification link
> 5. User (or admin) clicks verification link which sends them to `verifyuser.php` and verifies user in the database
> 6. Verified user may now log in

Releases

2 tags

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Languages

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