PROJECT WEBSITE LIVE LINK:

http://muktadiranzan.com/chat/new-chat/welcome.html

PROJECT FUNCTIONS:

\*\*\* Welcome Page(new-chat/welcome.html)

\*\*\* Navigation Bar

-> All page nav system included and dropdown for profile options.

\*\*\* Search

-> Autocomplete registered user names from Database

-> Shows search results(new-chat/result.php)

\*\* Login Page

-> User can login with email and password(new-chat/login.php)

\*\* Registration Page

-> User can register here(new-chat/register.php)

\*\*\* Public Chat Room(new-chat/index.php)

-> List of public chat rooms

-> Users can access any of them by clicking on them

-> Users can share files

\*\*\* User Profile

-> Display profile picture and change profile picture

-> Edit profile information(new-chat/edit\_profile.php)

-> Information Display(new-chat/profile.php)

-> Friend list(new-chat/friendlist.php), friend requests(new-chat/friend\_request.php), private chat rooms(new-chat/private\_chat\_list.php)

\*\*\* Friend System

-> Add Friends

-> Remove Friends

-> Accept Friend Requests

-> Search for friends

\*\*\* Private Chat

-> Create private chat(new-chat/create\_chat.php)

-> Add friends from friend list to private chat(new-chat/add\_friend\_chat.php)

-> Share files in the chat

-> Only people added can have access to the private chat

-> Creates dedicated database for each chat

PROJECT SECURITY:

\*\*\* Functions for security:

- > PHP 7 PDO function for all SQL queries to prevent SQL Injections

-> Check for user login in each page for Malware Injection

-> Proper session set and unset for user authentication

PROJECT STRUCTURE:

START: [Welcome Page] ->

[Login/Register] ->

[Public Chat Page] ->

[Access To All Other Pages] END

PROJECT LANGUAGES LIBRARY AND FUNCTIONS:

PHP: Version 7(No OOP used for easy understanding)

JAVASCRIPT: Basic JS, JQUERY and AJAX

SQL: Basic SQL Operations for all database queries

DATABASE: MySQL

HTML: HTML5 for all structure

CSS: Basic CSS for all design

BOOTSTRAP: Version 3 for all pages and version 4 for login and registration page

HOW TO INSTALL:

1.Upload the provided Zip folder to “public\_html” directory of your cpanel/hosting

2.UnZip the folder

3. Create your user with all privileges and create your database. Assign user to database(In your cpanel/hosting)

3. Import the (muktadiranzan\_chat.sql) database file to your phpMyAdmin in cpanel/hosting

4.Change Your username,password and database name in the following files:

(config.php, database\_connection.php, database\_connection1.php, search.php, private\_database\_connection.php)

The project should be good to go now. If you have any problem, please contact me.

Best Regards

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