PROJECT REPORT

ON

Social Media Website

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#### **DECLARATION**

I would like to express my special thanks of gratitude to my project guide Dr Manoj Varshney sir who gave me the golden opportunity to do this wonderful project on the topic Social Media Website, which connect us to a friends and I came to know about so many new things I am really thankful to them.

Secondly, I would also like to thank my parents and friends who helped me a lot in finalizing this project within the limited time frame.

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#### **CERTIFICATE**

This is to certify that the above statements made by the candidate are correct to the best of my/our knowledge and belief.

**Project Supervisor**

Dr Manoj Varshney

Assistant Professor

Date: 25-Nov-2022

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**INTRODUCTION**

Social media is a web‐based technology to facilitate social interaction between a large group of people through some type of network. In common widely used network is the Internet. But social media platforms are also for local networks as well.

Social media is growing rapidly and becoming an important part of everyday life, because of the latest technological revolution. This stunning growth is due to the increasing usage of smart phones like BlackBerrys, Androids and iPhones. These Smart phones make it easy to access any social media platform from anywhere virtually. The mobile versions of these social media sites are so easy to access made it user friendly. As well as the Map services made a remarkable usage through mobile to find direction and places easily.

**TECHNOLOGY USED**

**HTML –**

The **HyperText Markup Language** or **HTML** is the standard [markup language](https://en.wikipedia.org/wiki/Markup_language) for documents designed to be displayed in a [web browser](https://en.wikipedia.org/wiki/Web_browser). It can be assisted by technologies such as [Cascading Style Sheets](https://en.wikipedia.org/wiki/Cascading_Style_Sheets) (CSS) and [scripting languages](https://en.wikipedia.org/wiki/Scripting_language) such as [JavaScript](https://en.wikipedia.org/wiki/JavaScript).

[Web browsers](https://en.wikipedia.org/wiki/Web_browser) receive HTML documents from a [web server](https://en.wikipedia.org/wiki/Web_server) or from local storage and [render](https://en.wikipedia.org/wiki/Browser_engine) the documents into multimedia web pages. HTML describes the structure of a [web page](https://en.wikipedia.org/wiki/Web_page) [semantically](https://en.wikipedia.org/wiki/Semantic_Web) and originally included cues for the appearance of the document.

[HTML elements](https://en.wikipedia.org/wiki/HTML_element) are the building blocks of HTML pages. With HTML constructs, [images](https://en.wikipedia.org/wiki/HTML_element#Images_and_objects) and other objects such as [interactive forms](https://en.wikipedia.org/wiki/Fieldset) may be embedded into the rendered page. HTML provides a means to create [structured documents](https://en.wikipedia.org/wiki/Structured_document) by denoting structural [semantics](https://en.wikipedia.org/wiki/Semantics) for text such as headings, paragraphs, lists, [links](https://en.wikipedia.org/wiki/Hyperlink), quotes, and other items. HTML elements are delineated by *tags*, written using [angle brackets](https://en.wikipedia.org/wiki/Bracket#Angle_brackets). HTML can embed programs written in a [scripting language](https://en.wikipedia.org/wiki/Scripting_language) such as [JavaScript](https://en.wikipedia.org/wiki/JavaScript), which affects the behavior and content of web pages. The inclusion of CSS defines the look and layout of content. The [World Wide Web Consortium](https://en.wikipedia.org/wiki/World_Wide_Web_Consortium) (W3C), former maintainer of the HTML and current maintainer of the CSS standards, has encouraged the use of CSS over explicit presentational HTML since 1997.[[2]](https://en.wikipedia.org/wiki/HTML#cite_note-deprecated-2) A form of HTML, known as [HTML5](https://en.wikipedia.org/wiki/HTML5), is used to display video and audio, primarily using the <**canvas**> element, in collaboration with javascript.

**CSS –**

CSS stands for Cascading Style Sheets. It is the language for describing the presentation of Web pages, including colours, layout, and fonts, thus making our web pages presentable to the users.

CSS is designed to make style sheets for the web. It is independent of HTML and can be used with any XML-based markup language. Now let’s try to break the acronym:

* Cascading: Falling of Styles
* Style: Adding designs/Styling our HTML tags
* Sheets: Writing our style in different documents

**Java Script –**

*JavaScript* was initially created to “make web pages alive”.

The programs in this language are called *scripts*. They can be written right in a web page’s HTML and run automatically as the page loads.

Scripts are provided and executed as plain text. They don’t need special preparation or compilation to run.

In this aspect, JavaScript is very different from another language called Java.

Today, JavaScript can execute not only in the browser, but also on the server, or actually on any device that has a special program called the java script.

The browser has an embedded engine sometimes called a “JavaScript virtual machine”.

Different engines have different “codenames”. For example:

* V8 – in Chrome, Opera and Edge.
* SpiderMonkey – in Firefox.
* There are other codenames like “Chakra” for IE, “JavaScriptCore”, “Nitro” and “SquirrelFish” for Safari, etc.

The terms above are good to remember because they are used in developer articles on the internet. We’ll use them too. For instance, if “a feature X is supported by V8”, then it probably works in Chrome, Opera and Edge.

**BootStrap –**

Bootstrap is an open-source and free CSS framework that helps in directing a responsive device-friendly mobile-first front-end webpage development tool. This tutorial series will teach you about Bootstrap and its various features.

Bootstrap mainly includes CSS (Cascading Style Sheets) and an optional JavaScript-supported design template (plug-ins) that deals with typography, buttons, forms, and other user interface components. This Bootstrap framework helps rapid web development and supports developers in creating responsive web pages.

**PHP –**

PHP is an open-source, interpreted, and object-oriented scripting language that can be executed at the server-side. PHP is well suited for web development. Therefore, it is used to develop web applications (an application that executes on the server and generates the dynamic page.).

PHP was created by **Rasmus Lerdorf in 1994** but appeared in the market in 1995. **PHP 7.4.0** is the latest version of PHP, which was released on **28 November**. Some important points need to be noticed about PHP are as followed:

* PHP stands for Hypertext Preprocessor.
* PHP is an interpreted language, i.e., there is no need for compilation.
* PHP is faster than other scripting languages, for example, ASP and JSP.
* PHP is a server-side scripting language, which is used to manage the dynamic content of the website.
* PHP can be embedded into HTML.
* PHP is an object-oriented language.
* PHP is an open-source scripting language.
* PHP is simple and easy to learn language.

**SYSTEM REQUIREMENTS**

**Software Requirement-**

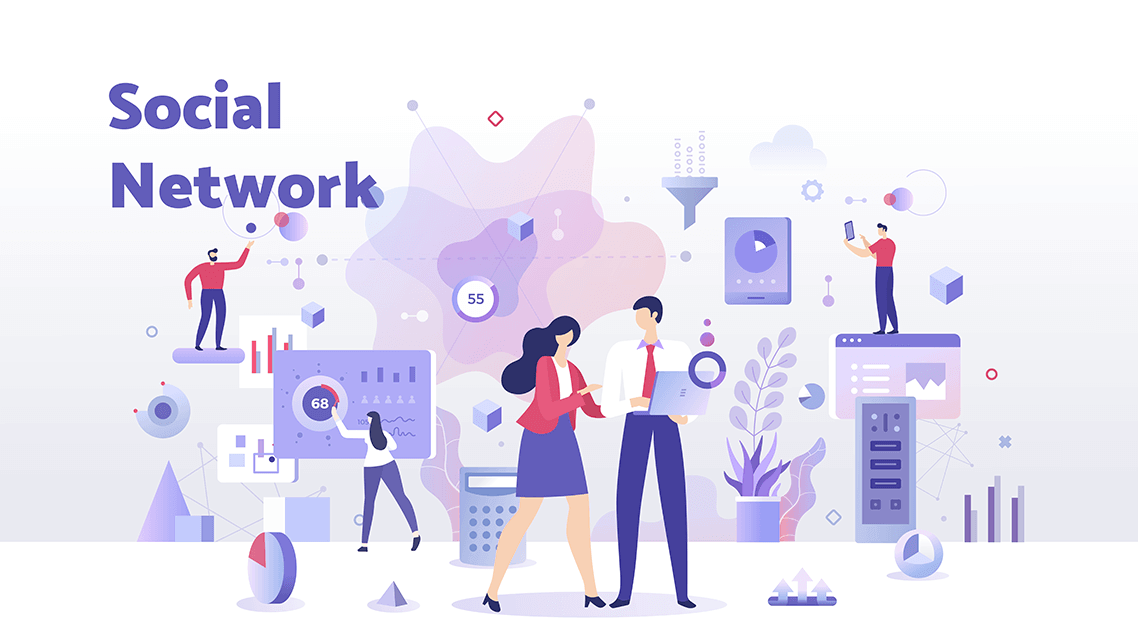
**To build web application –**

* 64-bit Windows 8/10/11
* VS code (version 1.73)
* XAMPP (version 8.1.10)

**Hardware Requirement –**

* x86\_64 CPU architecture; 2nd generation Intel Core or newer
* 8 GB RAM or more
* 8 GB of available disk space minimum

**IMPLEMENTATION**

****

**Final Code –**

**login.php:**

<div class="login">

        <div class="col-sm-12 col-md-4 bg-white border rounded p-4 shadow-sm">

            <form method="post" action="assets/php/actions.php?login">

                <div class="d-flex justify-content-center">

                    <img class="mb-4" src="assets/images/FRD2.png" alt="" height="45">

                </div>

                <h1 class="h5 mb-3 fw-normal">Please sign in</h1>

                <div class="form-floating">

                    <input type="text" name="username\_email" value="<?=showFormData('username\_email')?>" class="form-control rounded-0" placeholder="username/email">

                    <label for="floatingInput">username/email</label>

                </div>

                <?=showError('username\_email')?>

                <div class="form-floating mt-1">

                    <input type="password" name="password" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

                    <label for="floatingPassword">password</label>

                </div>

                <?=showError('password')?>

                <?=showError('checkuser')?>

                <div class="mt-3 d-flex justify-content-between align-items-center">

                    <button class="btn btn-primary" type="submit">Sign in</button>

                    <a href="?signup" class="text-decoration-none">Create New Account</a>

                </div>

                <a href="?forgotpassword&newfp" class="text-decoration-none">Forgot password ?</a>

            </form>

        </div>

</div>

**Sign Up:**

<div class="login">

        <div class="col-lg-4 col-md-8 col-sm-12 bg-white border rounded p-4 shadow-sm">

            <form method="post" action="assets/php/actions.php?signup">

                <div class="d-flex justify-content-center">

                    <img class="mb-4" src="assets/images/FRD2.png" alt="" height="45" >

                </div>

                <h1 class="h5 mb-3 fw-normal">Create new account</h1>

                <div class="d-flex">

                    <div class="form-floating mt-1 col-6 ">

                        <input type="text" name="first\_name" value="<?=showFormData('first\_name')?>" class="form-control rounded-0" placeholder="username/email">

                        <label for="floatingInput">first name</label>

                    </div>

                    <div class="form-floating mt-1 col-6">

                        <input type="text" name="last\_name" value="<?=showFormData('last\_name')?>" class="form-control rounded-0" placeholder="username/email">

                        <label for="floatingInput">last name</label>

                    </div>

                </div>

                <?=showError('first\_name')?>

                <?=showError('last\_name')?>

                <div class="d-flex gap-3 my-3">

                    <div class="form-check">

                        <input class="form-check-input" type="radio" name="gender" id="exampleRadios1"

                            value="1" <?=isset($\_SESSION['formdata'])?'':'checked'?><?=showFormData('gender')==1?'checked':''?>>

                        <label class="form-check-label" for="exampleRadios1">

                            Male

                        </label>

                    </div>

                    <div class="form-check">

                        <input class="form-check-input" type="radio" name="gender" id="exampleRadios3"

                            value="2" <?=showFormData('gender')==2?'checked':''?>>

                        <label class="form-check-label" for="exampleRadios3">

                            Female

                        </label>

                    </div>

                    <div class="form-check">

                        <input class="form-check-input" type="radio" name="gender" id="exampleRadios2"

                            value="0" <?=showFormData('gender')==0?'checked':''?>>

                        <label class="form-check-label" for="exampleRadios2">

                            Other

                        </label>

                    </div>

                </div>

                <div class="form-floating mt-1">

                    <input type="email" name="email" value="<?=showFormData('email')?>" class="form-control rounded-0" placeholder="username/email">

                    <label for="floatingInput">email</label>

                </div>

                <?=showError('email')?>

                <div class="form-floating mt-1">

                    <input type="text" name="username" value="<?=showFormData('username')?>" class="form-control rounded-0" placeholder="username/email">

                    <label for="floatingInput">username</label>

                </div>

                <?=showError('username')?>

                <div class="form-floating mt-1">

                    <input type="password" name="password" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

                    <label for="floatingPassword">password</label>

                </div>

                <?=showError('password')?>

                <div class="mt-3 d-flex justify-content-between align-items-center">

                    <button class="btn btn-primary" type="submit">Sign Up</button>

                    <a href="?login" class="text-decoration-none">Already have an account ?</a>

                </div>

            </form>

        </div>

    </div>

**Verify Email:**

<?php

global $user;

?>

    <div class="login">

        <div class="col-md-4 col-sm-11 bg-white border rounded p-4 shadow-sm">

            <form method="post" action="assets/php/actions.php?verify\_email">

                <div class="d-flex justify-content-center">

                </div>

                <h1 class="h5 mb-3 fw-normal">Verify Your Email Id (<?=$user['email']?>)</h1>

                <p>Enter 6 Digit Code Sended to You</p>

                <div class="form-floating mt-1">

                    <input type="text" name="code" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

                    <label for="floatingPassword">######</label>

                </div>

                <?php

if(isset($\_GET['resended'])){

    ?>

<p class="text-success">Verification code resended !</p>

<?php

}

                ?>

                <?=showError('email\_verify')?>

                <div class="mt-3 d-flex justify-content-between align-items-center">

                    <button class="btn btn-primary" type="submit">Verify Email</button>

                    <a href="assets/php/actions.php?resend\_code" class="text-decoration-none" type="submit">Resend Code</a>

                </div>

                <br>

                <a href="assets/php/actions.php?logout" class="text-decoration-none mt-5"><i class="bi bi-arrow-left-circle-fill"></i>

                    Logout</a>

            </form>

        </div>

    </div>

**Forget Password:**

<div class="login">

        <div class="col-lg-4 col-md-8 col-sm-12 bg-white border rounded p-4 shadow-sm">

            <?php

if(isset($\_SESSION['forgot\_code']) && !isset($\_SESSION['auth\_temp'])){

    $action = 'verifycode';

}elseif(isset($\_SESSION['forgot\_code']) && isset($\_SESSION['auth\_temp'])){

    $action = 'changepassword';

}else{

    $action= 'forgotpassword';

}

            ?>

            <form method="post" action="assets/php/actions.php?<?=$action?>">

                <div class="d-flex justify-content-center">

                </div>

                <h1 class="h5 mb-3 fw-normal">Forgot Your Password ?</h1>

<?php

if($action=='forgotpassword'){

    ?>

  <div class="form-floating">

                    <input type="email" name="email" class="form-control rounded-0" placeholder="username/email">

                    <label for="floatingInput">enter your email</label>

                </div>

                <?=showError('email')?>

<br>

                <button class="btn btn-primary" type="submit">Send Verification Code</button>

    <?php

}

?>

   <?php

if($action=='verifycode'){

    ?>

<p>Enter 6 Digit Code Sended to You  - <?=$\_SESSION['forgot\_email']?></p>

                <div class="form-floating mt-1">

                    <input type="text" name="code" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

                    <label for="floatingPassword">######</label>

                </div>

                <?=showError('email\_verify')?>

                <br>

                <button class="btn btn-primary" type="submit">Verify Code</button>

    <?php

}

?>

<?php

if($action=='changepassword'){

    ?>

<p>Enter your new password  - <?=$\_SESSION['forgot\_email']?></p>

<div class="form-floating mt-1">

                    <input type="password" name="password" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

                    <label for="floatingPassword">new password</label>

                </div>

                <?=showError('password')?>

                <br>

                <button class="btn btn-primary" type="submit">Change Password</button>

    <?php

}

?>

                <br>

                <br>

                <a href="?login" class="text-decoration-none mt-5"><i class="bi bi-arrow-left-circle-fill"></i> Go Back

                    To

                    Login</a>

            </form>

        </div>

    </div>

                <br>

                <br>

                <a href="?login" class="text-decoration-none mt-5"><i class="bi bi-arrow-left-circle-fill"></i> Go Back To Login</a>

            </form>

        </div>

</div>

**Footer.php:**

<?php if(isset($\_SESSION['Auth'])){ ?>

<div class="modal fade" id="addpost" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

  <div class="modal-dialog modal-dialog-centered">

  <div class="modal-content">

            <div class="modal-header">

                <h5 class="modal-title">Add New Post</h5>

                <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

            </div>

            <div class="modal-body">

                <img src="" style="display:none" id="post\_img" class="w-100 rounded border">

                <form method="post" action="assets/php/actions.php?addpost" enctype="multipart/form-data">

                    <div class="my-3">

                        <input class="form-control" name="post\_img" type="file" id="select\_post\_img">

                    </div>

                    <div class="mb-3">

                        <label for="exampleFormControlTextarea1" class="form-label">Say Something</label>

                        <textarea name="post\_text" class="form-control" id="exampleFormControlTextarea1" rows="1"></textarea>

                    </div>

                <button type="submit" class="btn btn-primary">Post</button>

                </form>

            </div>

        </div>

  </div>

</div>

<div class="offcanvas offcanvas-start" tabindex="-1" id="notification\_sidebar" aria-labelledby="offcanvasExampleLabel">

  <div class="offcanvas-header">

    <h5 class="offcanvas-title" id="offcanvasExampleLabel">Notifications</h5>

    <button type="button" class="btn-close text-reset" data-bs-dismiss="offcanvas" aria-label="Close"></button>

  </div>

  <div class="offcanvas-body">

  <?php

  $notifications = getNotifications();

foreach($notifications as $not){

    $time = $not['created\_at'];

    $fuser = getUser($not['from\_user\_id']);

    $post='';

    if($not['post\_id']){

        $post='data-bs-toggle="modal" data-bs-target="#postview'.$not['post\_id'].'"';

    }

    $fbtn='';

    ?>

<div class="d-flex justify-content-between border-bottom">

                    <div class="d-flex align-items-center p-2">

                        <div><img src="assets/images/profile/<?=$fuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

                        </div>

                        <div>&nbsp;&nbsp;</div>

                        <div class="d-flex flex-column justify-content-center" <?=$post?>>

                            <a href='?u=<?=$fuser['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;"><?=$fuser['first\_name']?> <?=$fuser['last\_name']?></h6></a>

                            <p style="margin:0px;font-size:small" class="<?=$not['read\_status']?'text-muted':''?>">@<?=$fuser['username']?> <?=$not['message']?></p>

                            <time style="font-size:small" class="timeago <?=$not['read\_status']?'text-muted':''?> text-small" datetime="<?=$time?>"></time>

                        </div>

                    </div>

                    <div class="d-flex align-items-center">

                        <?php

if($not['read\_status']==0){

    ?>

                      <div class="p-1 bg-primary rounded-circle"></div>

    <?php

}else if($not['read\_status']==2){

?>

<span class="badge bg-danger">Post Deleted</span>

<?php

}

                        ?>

                    </div>

                </div>

    <?php

}

                ?>

  </div>

</div>

<div class="offcanvas offcanvas-start" tabindex="-1" id="message\_sidebar" aria-labelledby="offcanvasExampleLabel">

  <div class="offcanvas-header">

    <h5 class="offcanvas-title" id="offcanvasExampleLabel">Messages</h5>

    <button type="button" class="btn-close text-reset" data-bs-dismiss="offcanvas" aria-label="Close"></button>

  </div>

  <div class="offcanvas-body" id="chatlist">

  </div>

</div>

<div class="modal fade" id="chatbox" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

  <div class="modal-dialog modal-dialog-centered modal-dialog-scrollable">

    <div class="modal-content">

      <div class="modal-header">

        <a href="" id="cplink" class="text-decoration-none text-dark"><h5 class="modal-title" id="exampleModalLabel"><img src="assets/images/profile/default\_profile.jpg" id="chatter\_pic" height="40" width="40" class="m-1 rounded-circle border"><span id="chatter\_name"></span>(@<span id="chatter\_username">loading..</span>)</h5></a>

        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

      </div>

      <div class="modal-body d-flex flex-column-reverse gap-2" id="user\_chat">

      loading..

      </div>

      <div class="modal-footer">

          <p class="p-2 text-danger mx-auto" id="blerror" style="display:none">

          <i class="bi bi-x-octagon-fill"></i> you are not allowed to send msg to this user anymore

</div>

  <div class="input-group p-2 " id="msgsender">

 <input type="text" class="form-control rounded-0 border-0" id="msginput" placeholder="say something.."

 aria-label="Recipient's username" aria-describedby="button-addon2">

 <button class="btn btn-outline-primary rounded-0 border-0" id="sendmsg" data-user-id="0" type="button"

 >Send</button>

</div>

      </div>

    </div>

  </div>

</div>

<?php } ?>

    <script src="assets/bootstrap/js/bootstrap.bundle.min.js"></script>

    <script src="assets/js/jquery-3.6.0.min.js"></script>

    <script src="assets/js/jquery.timeago.js"></script>

    <script src="assets/js/custom.js?v=<?=time()?>"></script>

</body>

</html>

**Wall.php:**

<?php

global $user;

global $posts;

global $follow\_suggestions;

?>

<div class="container col-md-10 col-sm-12 col-lg-9 rounded-0 d-flex justify-content-between">

<div class="col-md-8 col-sm-12" style="max-width:93vw">

<?php

showError('post\_img');

if(count($posts)<1){

echo "<p style='width:50vw' class='p-2 bg-white border rounded text-center my-3 col-12'>Follow Someone or Add a new post</p>";

}

foreach($posts as $post){

$likes = getLikes($post['id']);

$comments = getComments($post['id']);

?>

<div class="card mt-4">

<div class="card-title d-flex justify-content-between align-items-center">

<div class="d-flex align-items-center p-2">

<img src="assets/images/profile/<?=$post['profile\_pic']?>" alt="" height="30" width="30" class="rounded-circle border">&nbsp;&nbsp;<a href='?u=<?=$post['username']?>' class="text-decoration-none text-dark"><?=$post['first\_name']?> <?=$post['last\_name']?></a>

</div>

<div class="p-2">

<?php

if($post['uid']==$user['id']){

?>

<div class="dropdown">

<i class="bi bi-three-dots-vertical" id="option<?=$post['id']?>" data-bs-toggle="dropdown" aria-expanded="false"></i>

<ul class="dropdown-menu" aria-labelledby="option<?=$post['id']?>">

<li><a class="dropdown-item" href="assets/php/actions.php?deletepost=<?=$post['id']?>"><i class="bi bi-trash-fill"></i> Delete Post</a></li>

</ul>

</div>

<?php

}

?>

</div>

</div>

<img src="assets/images/posts/<?=$post['post\_img']?>" loading=lazy class="" alt="...">

<h4 style="font-size: x-larger" class="p-2 border-bottom d-flex">

<span>

<?php

if(checkLikeStatus($post['id'])){

$like\_btn\_display='none';

$unlike\_btn\_display='';

}else{

$like\_btn\_display='';

$unlike\_btn\_display='none';

}

?>

<i class="bi bi-heart-fill unlike\_btn text-danger" style="display:<?=$unlike\_btn\_display?>" data-post-id='<?=$post['id']?>'></i>

<i class="bi bi-heart like\_btn" style="display:<?=$like\_btn\_display?>" data-post-id='<?=$post['id']?>'></i>

</span>

&nbsp;&nbsp;<i

class="bi bi-chat-left d-flex align-items-center"><span class="p-1 mx-2 text-small" style="font-size:small" data-bs-toggle="modal" data-bs-target="#postview<?=$post['id']?>"><?=count($comments)?> comments</span></i>

</h4>

<div>

<span class="p-1 mx-2" data-bs-toggle="modal" data-bs-target="#likes<?=$post['id']?>"><span id="likecount<?=$post['id']?>"><?=count($likes)?></span> likes</span>

<span style="font-size:small" class="text-muted">Posted</span> <?=show\_time($post['created\_at'])?>

</div>

<?php

if($post['post\_text']){

?>

<div class="card-body">

<?=$post['post\_text']?>

</div>

<?php

}

?>

<div class="input-group p-2 <?=$post['post\_text']?'border-top':''?>">

<input type="text" class="form-control rounded-0 border-0 comment-input" placeholder="say something.."

aria-label="Recipient's username" aria-describedby="button-addon2">

<button class="btn btn-outline-primary rounded-0 border-0 add-comment" data-page='wall' data-cs="comment-section<?=$post['id']?>" data-post-id="<?=$post['id']?>" type="button"

id="button-addon2">Post</button>

</div>

</div>

<div class="modal fade" id="postview<?=$post['id']?>" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

<div class="modal-dialog modal-xl modal-dialog-centered">

<div class="modal-content">

<div class="modal-body d-md-flex p-0">

<div class="col-md-8 col-sm-12">

<img src="assets/images/posts/<?=$post['post\_img']?>" style="max-height:90vh" class="w-100 overflow:hidden">

</div>

<div class="col-md-4 col-sm-12 d-flex flex-column">

<div class="d-flex align-items-center p-2 border-bottom">

<div><img src="assets/images/profile/<?=$post['profile\_pic']?>" alt="" height="50" width="50" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-start">

<h6 style="margin: 0px;"><?=$post['first\_name']?> <?=$post['last\_name']?></h6>

<p style="margin:0px;" class="text-muted">@<?=$post['username']?></p>

</div>

<div class="d-flex flex-column align-items-end flex-fill">

<div class="" ></div>

<div class="dropdown">

<span class="<?=count($likes)<1?'disabled':''?>" id="dropdownMenuButton1" data-bs-toggle="dropdown" aria-expanded="false">

<?=count($likes)?> likes

</span>

<ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">

<?php

foreach($likes as $like){

$lu = getUser($like['user\_id']);

?>

<li><a class="dropdown-item" href="?u=<?=$lu['username']?>"><?=$lu['first\_name'].' '.$lu['last\_name']?> (@<?=$lu['username']?>)</a></li>

<?php

}

?>

</ul>

</div>

<div style="font-size:small" class="text-muted">Posted <?=show\_time($post['created\_at'])?> </div>

</div>

</div>

<div class="flex-fill align-self-stretch overflow-auto" id="comment-section<?=$post['id']?>" style="height: 100px;">

<?php

if(count($comments)<1){

?>

<p class="p-3 text-center my-2 nce">no comments</p>

<?php

}

foreach($comments as $comment){

$cuser = getUser($comment['user\_id']);

?>

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$cuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-start align-items-start">

<h6 style="margin: 0px;"><a href="?u=<?=$cuser['username']?>" class="text-decoration-none text-dark text-small text-muted">@<?=$cuser['username']?></a> - <?=$comment['comment']?></h6>

<p style="margin:0px;" class="text-muted">(<?=show\_time($comment['created\_at'])?>)</p>

</div>

</div>

<?php

}

?>

</div>

<div class="input-group p-2 border-top">

<input type="text" class="form-control rounded-0 border-0 comment-input" placeholder="say something.."

aria-label="Recipient's username" aria-describedby="button-addon2">

<button class="btn btn-outline-primary rounded-0 border-0 add-comment" data-cs="comment-section<?=$post['id']?>" data-post-id="<?=$post['id']?>" type="button"

id="button-addon2">Post</button>

</div>

</div>

</div>

</div>

</div>

</div>

<div class="modal fade" id="likes<?=$post['id']?>" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

<div class="modal-dialog modal-dialog-centered">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title">Likes</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<?php

if(count($likes)<1){

?>

<p>Currently No Likes</p>

<?php

}

foreach($likes as $f){

$fuser = getUser($f['user\_id']);

$fbtn='';

if(checkBS($f['user\_id'])){

continue;

}else if(checkFollowStatus($f['user\_id'])){

$fbtn = '<button class="btn btn-sm btn-danger unfollowbtn" data-user-id='.$fuser['id'].' >Unfollow</button>';

}else if($user['id']==$f['user\_id']){

$fbtn='';

}else{

$fbtn = '<button class="btn btn-sm btn-primary followbtn" data-user-id='.$fuser['id'].' >Follow</button>';

}

?>

<div class="d-flex justify-content-between">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$fuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href='?u=<?=$fuser['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;"><?=$fuser['first\_name']?> <?=$fuser['last\_name']?></h6></a>

<p style="margin:0px;font-size:small" class="text-muted">@<?=$fuser['username']?></p>

</div>

</div>

<div class="d-flex align-items-center">

<?=$fbtn?>

</div>

</div>

<?php

}

?>

</div>

</div>

</div>

</div>

<?php

}

?>

</div>

<div class="col-lg-4 col-sm-0 overflow-hidden mt-4 p-sm-0 p-md-3">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$user['profile\_pic']?>" alt="" height="60" width="60" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href='?u=<?=$user['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;"><?=$user['first\_name']?> <?=$user['last\_name']?></h6></a>

<p style="margin:0px;" class="text-muted">@<?=$user['username']?></p>

</div>

</div>

<div>

<h6 class="text-muted p-2">You Can Follow Them</h6>

<?php

foreach($follow\_suggestions as $suser){

?>

<div class="d-flex justify-content-between">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$suser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href='?u=<?=$suser['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;"><?=$suser['first\_name']?> <?=$suser['last\_name']?></h6></a>

<p style="margin:0px;font-size:small" class="text-muted">@<?=$suser['username']?></p>

</div>

</div>

<div class="d-flex align-items-center">

<button class="btn btn-sm btn-primary followbtn" data-user-id='<?=$suser['id']?>' >Follow</button>

</div>

</div>

<?php

}

if(count($follow\_suggestions)<1){

echo "<p class='p-2 bg-white border rounded text-center'>No Suggestions For You</p>";

}

?>

</div>

</div>

</div>

**Post:**

<div class="modal-dialog">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title">Add New Post</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<img src="img/post.jpg" class="w-100 rounded border">

<form>

<div class="my-3">

<input class="form-control" type="file" id="formFile">

</div>

<div class="mb-3">

<label for="exampleFormControlTextarea1" class="form-label">Say Something</label>

<textarea class="form-control" id="exampleFormControlTextarea1" rows="1"></textarea>

</div>

</form>

</div>

<div class="modal-footer">

<button type="button" class="btn btn-secondary" data-bs-dismiss="modal">Cancel</button>

<button type="button" class="btn btn-primary">Post</button>

</div>

</div>

</div>

**Profile.php:**

<?php

global $profile;

global $profile\_post;

global $user;

?>

<div class="container col-md-9 col-sm-11 rounded-0">

<div class="col-12 rounded p-4 mt-4 d-md-flex gap-5">

<div class="col-md-4 col-sm-12 d-flex justify-content-center mx-auto align-items-start"><div class="px-md-5"></div><img src="assets/images/profile/<?=$profile['profile\_pic']?>"

class="img-thumbnail rounded-circle mb-3" style="width:170px;height:170px" alt="...">

</div>

<div class="col-md-8 col-sm-11">

<div class="d-flex flex-column">

<div class="d-flex gap-5 align-items-center">

<span style="font-size: xx-large;"><?=$profile['first\_name']?> <?=$profile['last\_name']?></span>

<?php

if($user['id']!=$profile['id'] && !checkBS($profile['id'])){

?>

<div class="dropdown">

<span class="" style="font-size:xx-large" type="button" id="dropdownMenuButton1"

data-bs-toggle="dropdown" aria-expanded="false"><i class="bi bi-three-dots"></i> </span>

<ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">

<li><a class="dropdown-item" href="#" data-bs-toggle="modal" data-bs-target="#chatbox" onclick="popchat(<?=$profile['id']?>)"><i class="bi bi-chat-fill"></i> Message</a></li>

<li><a class="dropdown-item " href="assets/php/actions.php?block=<?=$profile['id']?>&username=<?=$profile['username']?>"><i class="bi bi-x-circle-fill"></i> Block</a></li>

</ul>

</div>

<?php

}

?>

</div>

<span style="font-size: larger;" class="text-secondary">@<?=$profile['username']?></span>

<?php

if(!checkBS($profile['id'])){

?>

<div class="d-flex gap-2 align-items-center my-3">

<a class="btn btn-sm btn-primary"><i class="bi bi-file-post-fill"></i> <?=count($profile\_post)?> Posts</a>

<a class="btn btn-sm btn-primary <?=count($profile['followers'])<1?'disabled':''?>" data-bs-toggle="modal" data-bs-target="#follower\_list"><i class="bi bi-people-fill"></i> <?=count($profile['followers'])?> Followers</a>

<a class="btn btn-sm btn-primary <?=count($profile['following'])<1?'disabled':''?>" data-bs-toggle="modal" data-bs-target="#following\_list"><i class="bi bi-person-fill"></i> <?=count($profile['following'])?> Following</a>

</div>

<?php

}

?>

<?php

if($user['id']!=$profile['id']){

?>

<div class="d-flex gap-2 align-items-center my-1">

<?php

if(checkBlockStatus($user['id'],$profile['id'])){

?>

<button class="btn btn-sm btn-danger unblockbtn" data-user-id='<?=$profile['id']?>' >Unblock</button>

<?php

}else if(checkBlockStatus($profile['id'],$user['id'])){ ?>

<div class="alert alert-danger" role="alert">

<i class="bi bi-x-octagon-fill"></i> @<?=$profile['username']?> blocked you !

</div>

<?php }else if(checkFollowStatus($profile['id'])){

?>

<button class="btn btn-sm btn-danger unfollowbtn" data-user-id='<?=$profile['id']?>' >Unfollow</button>

<?php

}else{

?>

<button class="btn btn-sm btn-primary followbtn" data-user-id='<?=$profile['id']?>' >Follow</button>

<?php

}

?>

</div>

<?php

}

?>

</div>

</div>

</div>

<h3 class="border-bottom">Posts</h3>

<?php

if(checkBS($profile['id'])){

$profile\_post = array();

?>

<div class="alert alert-secondary text-center" role="alert">

<i class="bi bi-x-octagon-fill"></i> You are not allowed to see posts !

</div>

<?php

}else if(count($profile\_post)<1){

echo "<p class='p-2 bg-white border rounded text-center my-3'>You don't have any post</p>";

}

?>

<div class="gallery d-flex flex-wrap gap-2 mb-4">

<?php

foreach($profile\_post as $post){

$likes = getLikes($post['id']);

?>

<img src="assets/images/posts/<?=$post['post\_img']?>" data-bs-toggle="modal" data-bs-target="#postview<?=$post['id']?>" width="300px" class="rounded" />

<div class="modal fade" id="postview<?=$post['id']?>" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

<div class="modal-dialog modal-xl modal-dialog-centered">

<div class="modal-content">

<div class="modal-body d-md-flex p-0">

<div class="col-md-8 col-sm-12">

<img src="assets/images/posts/<?=$post['post\_img']?>" style="max-height:90vh" class="w-100 rounded-start">

</div>

<div class="col-md-4 col-sm-12 d-flex flex-column">

<div class="d-flex align-items-center p-2 <?=$post['post\_text']?'':'border-bottom'?>">

<div><img src="assets/images/profile/<?=$profile['profile\_pic']?>" alt="" height="50" width="50" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-start">

<h6 style="margin: 0px;"><?=$profile['first\_name']?> <?=$profile['last\_name']?></h6>

<p style="margin:0px;" class="text-muted">@<?=$profile['username']?></p>

</div>

<div class="d-flex flex-column align-items-end flex-fill">

<div class="" ></div>

<div class="dropdown">

<span class="<?=count($likes)<1?'disabled':''?>" id="dropdownMenuButton1" data-bs-toggle="dropdown" aria-expanded="false">

<?=count($likes)?> likes

</span>

<ul class="dropdown-menu" aria-labelledby="dropdownMenuButton1">

<?php

foreach($likes as $like){

$lu = getUser($like['user\_id']);

?>

<li><a class="dropdown-item" href="?u=<?=$lu['username']?>"><?=$lu['first\_name'].' '.$lu['last\_name']?> (@<?=$lu['username']?>)</a></li>

<?php

}

?>

</ul>

</div>

<div style="font-size:small" class="text-muted">Posted <?=show\_time($post['created\_at'])?> </div>

</div>

</div>

<div class="border-bottom p-2 <?=$post['post\_text']?'':'d-none'?>"><?=$post['post\_text']?> </div>

<div class="flex-fill align-self-stretch overflow-auto" id="comment-section<?=$post['id']?>" style="height: 100px;">

<?php

$comments = getComments($post['id']);

if(count($comments)<1){

?>

<p class="p-3 text-center my-2 nce">no comments</p>

<?php

}

foreach($comments as $comment){

$cuser = getUser($comment['user\_id']);

?>

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$cuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-start align-items-start">

<h6 style="margin: 0px;"><a href="?u=<?=$cuser['username']?>" class="text-decoration-none text-muted">@<?=$cuser['username']?></a> - <?=$comment['comment']?></h6>

<p style="margin:0px;" class="text-muted"><?=show\_time($comment['created\_at'])?></p>

</div>

</div>

<?php

}

?>

</div>

<?php

if(checkFollowStatus($profile['id']) || $profile['id']==$user['id']){

?>

<div class="input-group p-2 border-top">

<input type="text" class="form-control rounded-0 border-0 comment-input" placeholder="say something.."

aria-label="Recipient's username" aria-describedby="button-addon2">

<button class="btn btn-outline-primary rounded-0 border-0 add-comment" data-cs="comment-section<?=$post['id']?>" data-post-id="<?=$post['id']?>" type="button"

id="button-addon2">Post</button>

</div>

<?php

}else{

?>

<div class="text-center p-2">

if you want to comment follow this user</div>

<?php

}

?>

</div>

</div>

</div>

</div>

</div>

<?php

}

?>

</div>

</div>

<!-- Modal -->

<!-- this is for follower list -->

<div class="modal fade" id="follower\_list" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

<div class="modal-dialog modal-dialog-centered">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title">Followers</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<?php

foreach($profile['followers'] as $f){

$fuser = getUser($f['follower\_id']);

$fbtn='';

if(checkFollowStatus($f['follower\_id'])){

$fbtn = '<button class="btn btn-sm btn-danger unfollowbtn" data-user-id='.$fuser['id'].' >Unfollow</button>';

}else if($user['id']==$f['follower\_id']){

$fbtn='';

}else{

$fbtn = '<button class="btn btn-sm btn-primary followbtn" data-user-id='.$fuser['id'].' >Follow</button>';

}

?>

<div class="d-flex justify-content-between">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$fuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href='?u=<?=$fuser['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;"><?=$fuser['first\_name']?> <?=$fuser['last\_name']?></h6></a>

<p style="margin:0px;font-size:small" class="text-muted">@<?=$fuser['username']?></p>

</div>

</div>

<div class="d-flex align-items-center">

<?=$fbtn?>

</div>

</div>

<?php

}

?>

</div>

</div>

</div>

</div>

<!-- this is for following list -->

<div class="modal fade" id="following\_list" tabindex="-1" aria-labelledby="exampleModalLabel" aria-hidden="true">

<div class="modal-dialog modal-dialog-centered">

<div class="modal-content">

<div class="modal-header">

<h5 class="modal-title">Following</h5>

<button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>

</div>

<div class="modal-body">

<?php

foreach($profile['following'] as $f){

$fuser = getUser($f['user\_id']);

$fbtn='';

if(checkFollowStatus($f['user\_id'])){

$fbtn = '<button class="btn btn-sm btn-danger unfollowbtn" data-user-id='.$fuser['id'].' >Unfollow</button>';

}else if($user['id']==$f['user\_id']){

$fbtn='';

}else{

$fbtn = '<button class="btn btn-sm btn-primary followbtn" data-user-id='.$fuser['id'].' >Follow</button>';

}

?>

<div class="d-flex justify-content-between">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/<?=$fuser['profile\_pic']?>" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href='?u=<?=$fuser['username']?>' class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;"><?=$fuser['first\_name']?> <?=$fuser['last\_name']?></h6></a>

<p style="margin:0px;font-size:small" class="text-muted">@<?=$fuser['username']?></p>

</div>

</div>

<div class="d-flex align-items-center">

<?=$fbtn?>

</div>

</div>

<?php

}

?>

</div>

</div>

</div>

</div>

**edit\_profile:**

<?php global $user;?>

<div class="container col-md-9 col-sm-12 rounded-0 d-flex justify-content-between">

<div class="col-12 bg-white border rounded p-4 mt-4 shadow-sm">

<form method="post" action="assets/php/actions.php?updateprofile" enctype="multipart/form-data">

<div class="d-flex justify-content-center">

</div>

<h1 class="h5 mb-3 fw-normal">Edit Profile</h1>

<?php

if(isset($\_GET['success'])){

?>

<p class="text-success">Profile is updated !</p>

<?php

}

?>

<div class="form-floating mt-1 col-md-6 col-sm-12">

<img src="assets/images/profile/<?=$user['profile\_pic']?>" class="img-thumbnail my-3" style="height:150px;width:150px" alt="...">

<div class="mb-3">

<label for="formFile" class="form-label">Change Profile Picture</label>

<input class="form-control" type="file" name="profile\_pic" id="formFile">

</div>

</div>

<?=showError('profile\_pic')?>

<div class="d-flex">

<div class="form-floating mt-1 col-6 ">

<input type="text" name="first\_name" value="<?=$user['first\_name']?>" class="form-control rounded-0" placeholder="username/email">

<label for="floatingInput">first name</label>

</div>

<div class="form-floating mt-1 col-6">

<input type="text" name="last\_name" value="<?=$user['last\_name']?>" class="form-control rounded-0" placeholder="username/email">

<label for="floatingInput">last name</label>

</div>

</div>

<?=showError('first\_name')?>

<?=showError('last\_name')?>

<div class="d-flex gap-3 my-3">

<div class="form-check">

<input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios1"

value="option1" <?=$user['gender']==1?'checked':''?> disabled>

<label class="form-check-label" for="exampleRadios1">

Male

</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios3"

value="option2" <?=$user['gender']==2?'checked':''?> disabled>

<label class="form-check-label" for="exampleRadios3">

Female

</label>

</div>

<div class="form-check">

<input class="form-check-input" type="radio" name="exampleRadios" id="exampleRadios2"

value="option2" <?=$user['gender']==0?'checked':''?> disabled>

<label class="form-check-label" for="exampleRadios2">

Other

</label>

</div>

</div>

<div class="form-floating mt-1">

<input type="email" value="<?=$user['email']?>" class="form-control rounded-0" placeholder="email" disabled>

<label for="floatingInput">email</label>

</div>

<div class="form-floating mt-1">

<input type="text" value="<?=$user['username']?>" name="username" class="form-control rounded-0" placeholder="username/email">

<label for="floatingInput">username</label>

</div>

<?=showError('username')?>

<div class="form-floating mt-1">

<input type="password" name="password" class="form-control rounded-0" id="floatingPassword" placeholder="Password">

<label for="floatingPassword">new password</label>

</div>

<div class="mt-3 d-flex justify-content-between align-items-center">

<button class="btn btn-primary" type="submit">Update Profile</button>

</div>

</form>

</div>

</div>

**User Not Found:**

<div class="container mt-5 border shadow-sm rounded bg-white p-5 d-flex justify-content-center">

<h1>User Not Found</h1>

</div>

**nav\_bar:**

<?php global $user;?>

<nav class="navbar navbar-expand-lg navbar-light bg-white border">

<div class="container col-lg-9 col-sm-12 col-md-10 d-flex flex-lg-row flex-md-row flex-sm-column justify-content-between">

<div class="d-flex justify-content-between col-lg-8 col-sm-12">

<a class="navbar-brand" href="?">

<img src="assets/images/FRD2.png" alt="" height="30" width="150">

</a>

<form class="d-flex" id="searchform">

<input class="form-control me-2" type="search" id="search" placeholder="looking for someone.."

aria-label="Search" autocomplete="off">

<div class="bg-white text-end rounded border shadow py-3 px-4 mt-5" style="display:none;position:absolute;z-index:+99;" id="search\_result" data-bs-auto-close="true">

<button type="button" class="btn-close" aria-label="Close" id="close\_search"></button>

<div id="sra" class="text-start">

<p class="text-center text-muted">enter name or username</p>

</div>

</div>

</form>

</div>

<ul class="navbar-nav flex-fill flex-row justify-content-evenly mb-lg-1 mb-sm-0">

<li class="nav-item">

<a class="nav-link text-dark" href="?"><i class="bi bi-house-door-fill"></i></a>

</li>

<li class="nav-item">

<a class="nav-link text-dark" data-bs-toggle="modal" data-bs-target="#addpost" href="#"><i class="bi bi-plus-square-fill"></i></a>

</li>

<li class="nav-item">

<?php

if(getUnreadNotificationsCount()>0){

?>

<a class="nav-link text-dark position-relative" id="show\_not" data-bs-toggle="offcanvas" href="#notification\_sidebar" role="button" aria-controls="offcanvasExample">

<i class="bi bi-bell-fill"></i>

<span class="un-count position-absolute start-10 translate-middle badge p-1 rounded-pill bg-danger">

<small><?=getUnreadNotificationsCount()?></small>

</span>

</a>

<?php

}else{

?>

<a class="nav-link text-dark" data-bs-toggle="offcanvas" href="#notification\_sidebar" role="button" aria-controls="offcanvasExample"><i class="bi bi-bell-fill"></i></a>

<?php

}

?>

</li>

<li class="nav-item">

<a class="nav-link text-dark" data-bs-toggle="offcanvas" href="#message\_sidebar" href="#"><i class="bi bi-chat-right-dots-fill"></i> <span class="un-count position-absolute start-10 translate-middle badge p-1 rounded-pill bg-danger" id="msgcounter">

</span></a>

</li>

<li class="nav-item dropdown dropstart">

<a class="nav-link" href="#" id="navbarDropdown" role="button"

data-bs-toggle="dropdown" aria-expanded="false">

<img src="assets/images/profile/<?=$user['profile\_pic']?>" alt="" height="30" width="30" class="rounded-circle border">

</a>

<ul class="dropdown-menu position-absolute top-100 end-50" aria-labelledby="navbarDropdown">

<li><a class="dropdown-item" href="?u=<?=$user['username']?>"><i class="bi bi-person"></i> My Profile</a></li>

<li><a class="dropdown-item" href="?editprofile"><i class="bi bi-pencil-square"></i> Edit Profile</a></li>

<hr class="dropdown-divider">

</li>

<li><a class="dropdown-item" href="assets/php/actions.php?logout"><i class="bi bi-box-arrow-in-left"></i> Logout</a></li>

</ul>

</li>

</ul>

</div>

</nav>

**blocked:**

<?php

global $user;

?>

<body>

<div class="login">

<div class="col-md-4 col-sm-12 bg-white border rounded p-4 shadow-sm">

<form>

<div class="d-flex justify-content-center">

<img class="mb-4" src="assets/images/FRD2.png" alt="" height="150" width="300">

</div>

<h1 class="h5 mb-3 fw-normal">Hello, <?=$user['first\_name'].' '.$user['last\_name'].' ('.$user['email'].') '?>Your Account Is Blocked By Admin</h1>

<div class="mt-3 d-flex justify-content-between align-items-center">

<a href="assets/php/actions.php?logout" class="btn btn-danger" type="submit">Logout</a>

</div>

</form>

</div>

</div>

**action.php:**

<?php

require\_once 'functions.php';

require\_once 'send\_code.php';

if(isset($\_GET['test'])){

}

if(isset($\_GET['block'])){

$user\_id = $\_GET['block'];

$user = $\_GET['username'];

if(blockUser($user\_id)){

header("location:../../?u=$user");

}else{

echo "something went wrong";

}

}

if(isset($\_GET['deletepost'])){

$post\_id = $\_GET['deletepost'];

if(deletePost($post\_id)){

header("location:{$\_SERVER['HTTP\_REFERER']}");

}else{

echo "something went wrong";

}

}

//for managaing signup

if(isset($\_GET['signup'])){

$response=validateSignupForm($\_POST);

if($response['status']){

if(createUser($\_POST)){

header('location:../../?login&newuser');

}else{

echo "<script>alert('somethihng is wrong')</script>";

}

}else{

$\_SESSION['error']=$response;

$\_SESSION['formdata']=$\_POST;

header("location:../../?signup");

}

}

//for managing login

if(isset($\_GET['login'])){

$response=validateLoginForm($\_POST);

if($response['status']){

$\_SESSION['Auth'] = true;

$\_SESSION['userdata'] = $response['user'];

if($response['user']['ac\_status']==0){

$\_SESSION['code']=$code = rand(111111,999999);

sendCode($response['user']['email'],'Verify Your Email',$code);

}

header("location:../../");

}else{

$\_SESSION['error']=$response;

$\_SESSION['formdata']=$\_POST;

header("location:../../?login");

}

}

if(isset($\_GET['resend\_code'])){

$\_SESSION['code']=$code = rand(111111,999999);

sendCode($\_SESSION['userdata']['email'],'Verify Your Email',$code);

header('location:../../?resended');

}

if(isset($\_GET['verify\_email'])){

$user\_code = $\_POST['code'];

$code = $\_SESSION['code'];

if($code==$user\_code){

if(verifyEmail($\_SESSION['userdata']['email'])){

header('location:../../');

}else{

echo "something is wrong";

}

}else{

$response['msg']='incorrect verifictaion code !';

if(!$\_POST['code']){

$response['msg']='enter 6 digit code !';

}

$response['field']='email\_verify';

$\_SESSION['error']=$response;

header('location:../../');

}

}

if(isset($\_GET['forgotpassword'])){

if(!$\_POST['email']){

$response['msg']="enter your email id !";

$response['field']='email';

$\_SESSION['error']=$response;

header('location:../../?forgotpassword');

}elseif(!isEmailRegistered($\_POST['email'])){

$response['msg']="email id is not registered";

$response['field']='email';

$\_SESSION['error']=$response;

header('location:../../?forgotpassword');

}else{

$\_SESSION['forgot\_email']=$\_POST['email'];

$\_SESSION['forgot\_code']=$code = rand(111111,999999);

sendCode($\_POST['email'],'Forgot Your Password ?',$code);

header('location:../../?forgotpassword&resended');

}

}

//for logout the user

if(isset($\_GET['logout'])){

session\_destroy();

header('location:../../');

}

// for verify forgot code

if(isset($\_GET['verifycode'])){

$user\_code = $\_POST['code'];

$code = $\_SESSION['forgot\_code'];

if($code==$user\_code){

$\_SESSION['auth\_temp']=true;

header('location:../../?forgotpassword');

}else{

$response['msg']='incorrect verifictaion code !';

if(!$\_POST['code']){

$response['msg']='enter 6 digit code !';

}

$response['field']='email\_verify';

$\_SESSION['error']=$response;

header('location:../../?forgotpassword');

}

}

if(isset($\_GET['changepassword'])){

if(!$\_POST['password']){

$response['msg']="enter your new password";

$response['field']='password';

$\_SESSION['error']=$response;

header('location:../../?forgotpassword');

}else{

resetPassword($\_SESSION['forgot\_email'],$\_POST['password']);

session\_destroy();

header('location:../../?reseted');

}

}

if(isset($\_GET['updateprofile'])){

$response=validateUpdateForm($\_POST,$\_FILES['profile\_pic']);

if($response['status']){

if(updateProfile($\_POST,$\_FILES['profile\_pic'])){

header("location:../../?editprofile&success");

}else{

echo "something is wrong";

}

}else{

$\_SESSION['error']=$response;

header("location:../../?editprofile");

}

}

//for managing add post

if(isset($\_GET['addpost'])){

$response = validatePostImage($\_FILES['post\_img']);

if($response['status']){

if(createPost($\_POST,$\_FILES['post\_img'])){

header("location:../../?new\_post\_added");

}else{

echo "something went wrong";

}

}else{

$\_SESSION['error']=$response;

header("location:../../");

}

}

**ajax.php:**

<?php

require\_once 'functions.php';

if(isset($\_GET['sendmessage'])){

if(sendMessage($\_POST['user\_id'],$\_POST['msg'])){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['getmessages'])){

$chats = getAllMessages();

$chatlist="";

// echo "<pre>";

// print\_r($chats);

foreach($chats as $chat){

$ch\_user = getUser($chat['user\_id']);

$seen=false;

if($chat['messages'][0]['read\_status']==1 || $chat['messages'][0]['from\_user\_id']==$\_SESSION['userdata']['id']){

$seen = true;

}

$chatlist.='

<div class="d-flex justify-content-between border-bottom chatlist\_item" data-bs-toggle="modal" data-bs-target="#chatbox" onclick="popchat('.$chat['user\_id'].')" >

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/'.$ch\_user['profile\_pic'].'" alt="" height="40" width="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center" >

<a href="#" class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;">'.$ch\_user['first\_name'].' '.$ch\_user['last\_name'].'</h6></a>

<p style="margin:0px;font-size:small" class="">'.$chat['messages'][0]['msg'].'</p>

<time style="font-size:small" class="timeago text-small" datetime="'.$chat['messages'][0]['created\_at'].'">'.gettime($chat['messages'][0]['created\_at']).'</time>

</div>

</div>

<div class="d-flex align-items-center">

<div class="p-1 bg-primary rounded-circle '.($seen?'d-none':'').'"></div>

</div>

</div>';

}

$json['chatlist'] = $chatlist;

if(isset($\_POST['chatter\_id']) && $\_POST['chatter\_id']!=0){

$messages = getMessages($\_POST['chatter\_id']);

$chatmsg="";

if(checkBS($\_POST['chatter\_id'])){

$json['blocked']=true;

}else{

$json['blocked']=false;

}

updateMessageReadStatus($\_POST['chatter\_id']);

foreach($messages as $cm){

if($cm['from\_user\_id']==$\_SESSION['userdata']['id']){

$cl1 = 'align-self-end bg-primary text-light';

$cl2 = 'text-light';

}else{

$cl1 = '';

$cl2 = 'text-muted';

}

$chatmsg.=' <div class="py-2 px-3 border rounded shadow-sm col-8 d-inline-block '.$cl1.'">'.$cm['msg'].'<br>

<span style="font-size:small" class="'.$cl2.'">'.gettime($cm['created\_at']).'</span>

</div>';

}

$json['chat']['msgs']=$chatmsg;

$json['chat']['userdata']=getUser($\_POST['chatter\_id']);

}else{

$json['chat']['msgs']='<div class="spinner-border text-center" role="status">

</div>';

}

$json['newmsgcount']=newMsgCount();

echo json\_encode($json);

}

if(isset($\_GET['unblock'])){

$user\_id = $\_POST['user\_id'];

if(unblockUser($user\_id)){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['notread'])){

if(setNotificationStatusAsRead()){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['follow'])){

$user\_id = $\_POST['user\_id'];

if(followUser($user\_id)){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['unfollow'])){

$user\_id = $\_POST['user\_id'];

if(unfollowUser($user\_id)){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['like'])){

$post\_id = $\_POST['post\_id'];

if(!checkLikeStatus($post\_id)){

if(like($post\_id)){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

}

if(isset($\_GET['unlike'])){

$post\_id = $\_POST['post\_id'];

if(checkLikeStatus($post\_id)){

if(unlike($post\_id)){

$response['status']=true;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

}

if(isset($\_GET['addcomment'])){

$post\_id = $\_POST['post\_id'];

$comment = $\_POST['comment'];

if(addComment($post\_id,$comment)){

$cuser = getUser($\_SESSION['userdata']['id']);

$time = date("Y-m-d H:i:s");

$response['status']=true;

$response['comment']='<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/'.$cuser['profile\_pic'].'" alt="" height="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-start align-items-start">

<h6 style="margin: 0px;"><a href="?u='.$cuser['username'].'" class="text-decoration-none text-muted">@'.$cuser['username'].'</a> - '.$\_POST['comment'].'</h6>

<p style="margin:0px;" class="text-muted" style="font-size:small">(just now)</p>

</div>

</div>';

}else{

$response['status']=false;

}

echo json\_encode($response);

}

if(isset($\_GET['search'])){

$keyword = $\_POST['keyword'];

$data = searchUser($keyword);

$users="";

if(count($data)>0){

$response['status']=true;

foreach($data as $fuser){

$fbtn='';

$users.=' <div class="d-flex justify-content-between">

<div class="d-flex align-items-center p-2">

<div><img src="assets/images/profile/'.$fuser['profile\_pic'].'" alt="" height="40" class="rounded-circle border">

</div>

<div>&nbsp;&nbsp;</div>

<div class="d-flex flex-column justify-content-center">

<a href="?u='.$fuser['username'].'" class="text-decoration-none text-dark"><h6 style="margin: 0px;font-size: small;">'.$fuser['first\_name'].' '.$fuser['last\_name'].'</h6></a>

<p style="margin:0px;font-size:small" class="text-muted">@'.$fuser['username'].'</p>

</div>

</div>

<div class="d-flex align-items-center">

'.$fbtn.'

</div>

</div>';

}

$response['users']=$users;

}else{

$response['status']=false;

}

echo json\_encode($response);

}

**config.php:**

<?php

session\_start();

// mysqli database connection

const DB\_NAME = 'friendshub';

const DB\_HOST = 'localhost';

const DB\_USER = 'root';

const DB\_PASS = '';

**function.php:**

<?php

require\_once 'config.php';

$db = mysqli\_connect(DB\_HOST,DB\_USER,DB\_PASS,DB\_NAME) or die("database is not connected");

//function for showing pages

function showPage($page,$data=""){

include("assets/pages/$page.php");

}

//for getting ids of chat users

function getActiveChatUserIds(){

global $db;

$current\_user\_id = $\_SESSION['userdata']['id'];

$query = "SELECT from\_user\_id,to\_user\_id FROM messages WHERE to\_user\_id=$current\_user\_id || from\_user\_id=$current\_user\_id ORDER BY id DESC";

$run = mysqli\_query($db,$query);

$data = mysqli\_fetch\_all($run,true);

$ids=array();

foreach($data as $ch){

if($ch['from\_user\_id']!=$current\_user\_id && !in\_array($ch['from\_user\_id'],$ids)){

$ids[]=$ch['from\_user\_id'];

}

if($ch['to\_user\_id']!=$current\_user\_id && !in\_array($ch['to\_user\_id'],$ids)){

$ids[]=$ch['to\_user\_id'];

}

}

return $ids;

}

function getMessages($user\_id){

global $db;

$current\_user\_id = $\_SESSION['userdata']['id'];

$query = "SELECT \* FROM messages WHERE (to\_user\_id=$current\_user\_id && from\_user\_id=$user\_id) || (from\_user\_id=$current\_user\_id && to\_user\_id=$user\_id) ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

function sendMessage($user\_id,$msg){

global $db;

$current\_user\_id = $\_SESSION['userdata']['id'];

$query = "INSERT INTO messages (from\_user\_id,to\_user\_id,msg) VALUES($current\_user\_id,$user\_id,'$msg')";

return mysqli\_query($db,$query);

}

function newMsgCount(){

global $db;

$current\_user\_id = $\_SESSION['userdata']['id'];

$query="SELECT COUNT(\*) as row FROM messages WHERE to\_user\_id=$current\_user\_id && read\_status=0";

$run=mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

function updateMessageReadStatus($user\_id){

$cu\_user\_id = $\_SESSION['userdata']['id'];

global $db;

$query="UPDATE messages SET read\_status=1 WHERE to\_user\_id=$cu\_user\_id && from\_user\_id=$user\_id";

return mysqli\_query($db,$query);

}

function gettime($date){

return date('H:i - (F jS, Y )', strtotime($date));

}

function getAllMessages(){

$active\_chat\_ids = getActiveChatUserIds();

$conversation=array();

foreach($active\_chat\_ids as $index=>$id){

$conversation[$index]['user\_id'] = $id;

$conversation[$index]['messages'] = getMessages($id);

}

return $conversation;

}

//function for follow the user

function followUser($user\_id){

global $db;

$cu = getUser($\_SESSION['userdata']['id']);

$current\_user=$\_SESSION['userdata']['id'];

$query="INSERT INTO follow\_list(follower\_id,user\_id) VALUES($current\_user,$user\_id)";

createNotification($cu['id'],$user\_id,"started following you !");

return mysqli\_query($db,$query);

}

//function for blocking the user

function blockUser($blocked\_user\_id){

global $db;

$cu = getUser($\_SESSION['userdata']['id']);

$current\_user=$\_SESSION['userdata']['id'];

$query="INSERT INTO block\_list(user\_id,blocked\_user\_id) VALUES($current\_user,$blocked\_user\_id)";

createNotification($cu['id'],$blocked\_user\_id,"blocked you");

$query2="DELETE FROM follow\_list WHERE follower\_id=$current\_user && user\_id=$blocked\_user\_id";

mysqli\_query($db,$query2);

$query3="DELETE FROM follow\_list WHERE follower\_id=$blocked\_user\_id && user\_id=$current\_user";

mysqli\_query($db,$query3);

return mysqli\_query($db,$query);

}

//for unblocking the user

function unblockUser($user\_id){

global $db;

$current\_user=$\_SESSION['userdata']['id'];

$query="DELETE FROM block\_list WHERE user\_id=$current\_user && blocked\_user\_id=$user\_id";

createNotification($current\_user,$user\_id,"Unblocked you !");

return mysqli\_query($db,$query);

}

//function checkLikeStatus

function checkLikeStatus($post\_id){

global $db;

$current\_user = $\_SESSION['userdata']['id'];

$query="SELECT count(\*) as row FROM likes WHERE user\_id=$current\_user && post\_id=$post\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

//function for like the post

function like($post\_id){

global $db;

$current\_user=$\_SESSION['userdata']['id'];

$query="INSERT INTO likes(post\_id,user\_id) VALUES($post\_id,$current\_user)";

$poster\_id = getPosterId($post\_id);

if($poster\_id!=$current\_user){

createNotification($current\_user,$poster\_id,"liked your post !",$post\_id);

}

return mysqli\_query($db,$query);

}

//function for creating comments

function addComment($post\_id,$comment){

global $db;

$comment = mysqli\_real\_escape\_string($db,$comment);

$current\_user=$\_SESSION['userdata']['id'];

$query="INSERT INTO comments(user\_id,post\_id,comment) VALUES($current\_user,$post\_id,'$comment')";

$poster\_id = getPosterId($post\_id);

if($poster\_id!=$current\_user){

createNotification($current\_user,$poster\_id,"commented on your post",$post\_id);

}

return mysqli\_query($db,$query);

}

//function for creating comments

function createNotification($from\_user\_id,$to\_user\_id,$msg,$post\_id=0){

global $db;

$query="INSERT INTO notifications(from\_user\_id,to\_user\_id,message,post\_id) VALUES($from\_user\_id,$to\_user\_id,'$msg',$post\_id)";

mysqli\_query($db,$query);

}

//function for getting likes count

function getComments($post\_id){

global $db;

$query="SELECT \* FROM comments WHERE post\_id=$post\_id ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//get notifications

function getNotifications(){

$cu\_user\_id = $\_SESSION['userdata']['id'];

global $db;

$query="SELECT \* FROM notifications WHERE to\_user\_id=$cu\_user\_id ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

function getUnreadNotificationsCount(){

$cu\_user\_id = $\_SESSION['userdata']['id'];

global $db;

$query="SELECT count(\*) as row FROM notifications WHERE to\_user\_id=$cu\_user\_id && read\_status=0 ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

function show\_time($time){

return '<time style="font-size:small" class="timeago text-muted text-small" datetime="'.$time.'"></time>';

}

function setNotificationStatusAsRead(){

$cu\_user\_id = $\_SESSION['userdata']['id'];

global $db;

$query="UPDATE notifications SET read\_status=1 WHERE to\_user\_id=$cu\_user\_id";

return mysqli\_query($db,$query);

}

//function for getting likes count

function getLikes($post\_id){

global $db;

$query="SELECT \* FROM likes WHERE post\_id=$post\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//function for unlike the post

function unlike($post\_id){

global $db;

$current\_user=$\_SESSION['userdata']['id'];

$query="DELETE FROM likes WHERE user\_id=$current\_user && post\_id=$post\_id";

$poster\_id = getPosterId($post\_id);

if($poster\_id!=$current\_user){

createNotification($current\_user,$poster\_id,"unliked your post !",$post\_id);

}

return mysqli\_query($db,$query);

}

function unfollowUser($user\_id){

global $db;

$current\_user=$\_SESSION['userdata']['id'];

$query="DELETE FROM follow\_list WHERE follower\_id=$current\_user && user\_id=$user\_id";

createNotification($current\_user,$user\_id,"Unfollowed you !");

return mysqli\_query($db,$query);

}

//function for show errors

function showError($field){

if(isset($\_SESSION['error'])){

$error =$\_SESSION['error'];

if(isset($error['field']) && $field==$error['field']){

?>

<div class="alert alert-danger my-2" role="alert">

<?=$error['msg']?>

</div>

<?php

}

}

}

//function for show prevformdata

function showFormData($field){

if(isset($\_SESSION['formdata'])){

$formdata =$\_SESSION['formdata'];

return $formdata[$field];

}

}

//for checking duplicate email

function isEmailRegistered($email){

global $db;

$query="SELECT count(\*) as row FROM users WHERE email='$email'";

$run=mysqli\_query($db,$query);

$return\_data = mysqli\_fetch\_assoc($run);

return $return\_data['row'];

}

//for checking duplicate username

function isUsernameRegistered($username){

global $db;

$query="SELECT count(\*) as row FROM users WHERE username='$username'";

$run=mysqli\_query($db,$query);

$return\_data = mysqli\_fetch\_assoc($run);

return $return\_data['row'];

}

//for checking duplicate username by other

function isUsernameRegisteredByOther($username){

global $db;

$user\_id=$\_SESSION['userdata']['id'];

$query="SELECT count(\*) as row FROM users WHERE username='$username' && id!=$user\_id";

$run=mysqli\_query($db,$query);

$return\_data = mysqli\_fetch\_assoc($run);

return $return\_data['row'];

}

//for validating the signup form

function validateSignupForm($form\_data){

$response=array();

$response['status']=true;

if(!$form\_data['password']){

$response['msg']="password is not given";

$response['status']=false;

$response['field']='password';

}

if(!$form\_data['username']){

$response['msg']="username is not given";

$response['status']=false;

$response['field']='username';

}

if(!$form\_data['email']){

$response['msg']="email is not given";

$response['status']=false;

$response['field']='email';

}

if(!$form\_data['last\_name']){

$response['msg']="last name is not given";

$response['status']=false;

$response['field']='last\_name';

}

if(!$form\_data['first\_name']){

$response['msg']="first name is not given";

$response['status']=false;

$response['field']='first\_name';

}

if(isEmailRegistered($form\_data['email'])){

$response['msg']="email id is already registered";

$response['status']=false;

$response['field']='email';

}

if(isUsernameRegistered($form\_data['username'])){

$response['msg']="username is already registered";

$response['status']=false;

$response['field']='username';

}

return $response;

}

//for validate the login form

function validateLoginForm($form\_data){

$response=array();

$response['status']=true;

$blank=false;

if(!$form\_data['password']){

$response['msg']="password is not given";

$response['status']=false;

$response['field']='password';

$blank=true;

}

if(!$form\_data['username\_email']){

$response['msg']="username/email is not given";

$response['status']=false;

$response['field']='username\_email';

$blank=true;

}

if(!$blank && !checkUser($form\_data)['status'] ){

$response['msg']="something is incorrect, we can't find you";

$response['status']=false;

$response['field']='checkuser';

}else{

$response['user']=checkUser($form\_data)['user'];

}

return $response;

}

//for checking the user

function checkUser($login\_data){

global $db;

$username\_email = $login\_data['username\_email'];

$password=md5($login\_data['password']);

$query = "SELECT \* FROM users WHERE (email='$username\_email' || username='$username\_email') && password='$password'";

$run = mysqli\_query($db,$query);

$data['user'] = mysqli\_fetch\_assoc($run)??array();

if(count($data['user'])>0){

$data['status']=true;

}else{

$data['status']=false;

}

return $data;

}

//for getting userdata by id

function getUser($user\_id){

global $db;

$query = "SELECT \* FROM users WHERE id=$user\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run);

}

//for filtering the suggestion list

function filterFollowSuggestion(){

$list = getFollowSuggestions();

$filter\_list = array();

foreach($list as $user){

if(!checkFollowStatus($user['id']) && !checkBS($user['id']) && count($filter\_list)<5){

$filter\_list[]=$user;

}

}

return $filter\_list;

}

//for checking the user is followed by current user or not

function checkFollowStatus($user\_id){

global $db;

$current\_user = $\_SESSION['userdata']['id'];

$query="SELECT count(\*) as row FROM follow\_list WHERE follower\_id=$current\_user && user\_id=$user\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

//for checking the user is followed by current user or not

function checkBlockStatus($current\_user,$user\_id){

global $db;

$query="SELECT count(\*) as row FROM block\_list WHERE user\_id=$current\_user && blocked\_user\_id=$user\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

function checkBS($user\_id){

global $db;

$current\_user = $\_SESSION['userdata']['id'];

$query="SELECT count(\*) as row FROM block\_list WHERE (user\_id=$current\_user && blocked\_user\_id=$user\_id) || (user\_id=$user\_id && blocked\_user\_id=$current\_user)";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['row'];

}

//

//for getting users for follow suggestions

function getFollowSuggestions(){

global $db;

$current\_user = $\_SESSION['userdata']['id'];

$query = "SELECT \* FROM users WHERE id!=$current\_user";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//get followers count

function getFollowers($user\_id){

global $db;

$query = "SELECT \* FROM follow\_list WHERE user\_id=$user\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//get followers count

function getFollowing($user\_id){

global $db;

$query = "SELECT \* FROM follow\_list WHERE follower\_id=$user\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//for getting posts by id

function getPostById($user\_id){

global $db;

$query = "SELECT \* FROM posts WHERE user\_id=$user\_id ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//for getting post

function getPosterId($post\_id){

global $db;

$query = "SELECT user\_id FROM posts WHERE id=$post\_id";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run)['user\_id'];

}

//for searching the users

function searchUser($keyword){

global $db;

$query = "SELECT \* FROM users WHERE username LIKE '%".$keyword."%' || (first\_name LIKE '%".$keyword."%' || last\_name LIKE '%".$keyword."%') LIMIT 5";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

//for getting userdata by username

function getUserByUsername($username){

global $db;

$query = "SELECT \* FROM users WHERE username='$username'";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_assoc($run);

}

//for getting posts

function getPost(){

global $db;

$query = "SELECT users.id as uid,posts.id,posts.user\_id,posts.post\_img,posts.post\_text,posts.created\_at,users.first\_name,users.last\_name,users.username,users.profile\_pic FROM posts JOIN users ON users.id=posts.user\_id ORDER BY id DESC";

$run = mysqli\_query($db,$query);

return mysqli\_fetch\_all($run,true);

}

function deletePost($post\_id){

global $db;

$user\_id=$\_SESSION['userdata']['id'];

$dellike = "DELETE FROM likes WHERE post\_id=$post\_id && user\_id=$user\_id";

mysqli\_query($db,$dellike);

$delcom = "DELETE FROM comments WHERE post\_id=$post\_id && user\_id=$user\_id";

mysqli\_query($db,$delcom);

$not = "UPDATE notifications SET read\_status=2 WHERE post\_id=$post\_id && to\_user\_id=$user\_id";

mysqli\_query($db,$not);

$query = "DELETE FROM posts WHERE id=$post\_id";

return mysqli\_query($db,$query);

}

//for getting posts dynamically

function filterPosts(){

$list = getPost();

$filter\_list = array();

foreach($list as $post){

if(checkFollowStatus($post['user\_id']) || $post['user\_id']==$\_SESSION['userdata']['id']){

$filter\_list[]=$post;

}

}

return $filter\_list;

}

//for creating new user

function createUser($data){

global $db;

$first\_name = mysqli\_real\_escape\_string($db,$data['first\_name']);

$last\_name = mysqli\_real\_escape\_string($db,$data['last\_name']);

$gender = $data['gender'];

$email = mysqli\_real\_escape\_string($db,$data['email']);

$username = mysqli\_real\_escape\_string($db,$data['username']);

$password = mysqli\_real\_escape\_string($db,$data['password']);

$password = md5($password);

$query = "INSERT INTO users(first\_name,last\_name,gender,email,username,password) ";

$query.="VALUES ('$first\_name','$last\_name',$gender,'$email','$username','$password')";

return mysqli\_query($db,$query);

}

//function for verify email

function verifyEmail($email){

global $db;

$query="UPDATE users SET ac\_status=1 WHERE email='$email'";

return mysqli\_query($db,$query);

}

//function for verify email

function resetPassword($email,$password){

global $db;

$password=md5($password);

$query="UPDATE users SET password='$password' WHERE email='$email'";

return mysqli\_query($db,$query);

}

//for validating update form

function validateUpdateForm($form\_data,$image\_data){

$response=array();

$response['status']=true;

if(!$form\_data['username']){

$response['msg']="username is not given";

$response['status']=false;

$response['field']='username';

}

if(!$form\_data['last\_name']){

$response['msg']="last name is not given";

$response['status']=false;

$response['field']='last\_name';

}

if(!$form\_data['first\_name']){

$response['msg']="first name is not given";

$response['status']=false;

$response['field']='first\_name';

}

if(isUsernameRegisteredByOther($form\_data['username'])){

$response['msg']=$form\_data['username']." is already registered";

$response['status']=false;

$response['field']='username';

}

if($image\_data['name']){

$image = basename($image\_data['name']);

$type = strtolower(pathinfo($image,PATHINFO\_EXTENSION));

$size = $image\_data['size']/1000;

if($type!='jpg' && $type!='jpeg' && $type!='png'){

$response['msg']="only jpg,jpeg,png images are allowed";

$response['status']=false;

$response['field']='profile\_pic';

}

if($size>1000){

$response['msg']="upload image less then 1 mb";

$response['status']=false;

$response['field']='profile\_pic';

}

}

return $response;

}

//function for updating profile

function updateProfile($data,$imagedata){

global $db;

$first\_name = mysqli\_real\_escape\_string($db,$data['first\_name']);

$last\_name = mysqli\_real\_escape\_string($db,$data['last\_name']);

$username = mysqli\_real\_escape\_string($db,$data['username']);

$password = mysqli\_real\_escape\_string($db,$data['password']);

if(!$data['password']){

$password = $\_SESSION['userdata']['password'];

}else{

$password = md5($password);

$\_SESSION['userdata']['password']=$password;

}

$profile\_pic="";

if($imagedata['name']){

$image\_name = time().basename($imagedata['name']);

$image\_dir="../images/profile/$image\_name";

move\_uploaded\_file($imagedata['tmp\_name'],$image\_dir);

$profile\_pic=", profile\_pic='$image\_name'";

}

$query = "UPDATE users SET first\_name = '$first\_name', last\_name='$last\_name',username='$username',password='$password' $profile\_pic WHERE id=".$\_SESSION['userdata']['id'];

return mysqli\_query($db,$query);

}

//for validating add post form

function validatePostImage($image\_data){

$response=array();

$response['status']=true;

if(!$image\_data['name']){

$response['msg']="no image is selected";

$response['status']=false;

$response['field']='post\_img';

}

if($image\_data['name']){

$image = basename($image\_data['name']);

$type = strtolower(pathinfo($image,PATHINFO\_EXTENSION));

$size = $image\_data['size']/1000;

if($type!='jpg' && $type!='jpeg' && $type!='png'){

$response['msg']="only jpg,jpeg,png images are allowed";

$response['status']=false;

$response['field']='post\_img';

}

if($size>2000){

$response['msg']="upload image less then 1 mb";

$response['status']=false;

$response['field']='post\_img';

}

}

return $response;

}

//for creating new user

function createPost($text,$image){

global $db;

$post\_text = mysqli\_real\_escape\_string($db,$text['post\_text']);

$user\_id = $\_SESSION['userdata']['id'];

$image\_name = time().basename($image['name']);

$image\_dir="../images/posts/$image\_name";

move\_uploaded\_file($image['tmp\_name'],$image\_dir);

$query = "INSERT INTO posts(user\_id,post\_text,post\_img)";

$query.="VALUES ($user\_id,'$post\_text','$image\_name')";

return mysqli\_query($db,$query);

}

// for getting posts

?>

**send code:**

<?php

use PHPMailer\PHPMailer\PHPMailer;

use PHPMailer\PHPMailer\Exception;

use PHPMailer\PHPMailer\SMTP;

require 'PHPMailer/src/Exception.php';

require 'PHPMailer/src/PHPMailer.php';

require 'PHPMailer/src/SMTP.php';

//Create an instance; passing `true` enables exceptions

$mail = new PHPMailer(true);

function sendCode($email,$subject,$code){

global $mail;

try {

//Server settings

$mail->SMTPDebug = SMTP::DEBUG\_SERVER; //Enable verbose debug output

$mail->isSMTP(); //Send using SMTP

$mail->Host = 'smtp.gmail.com'; //Set the SMTP server to send through

$mail->SMTPAuth = true; //Enable SMTP authentication

$mail->Username = 'umang.gupta\_cs20@gla.ac.in'; //SMTP username

$mail->Password = '9456817420'; //SMTP password

$mail->SMTPSecure = PHPMailer::ENCRYPTION\_SMTPS; //Enable implicit TLS encryption

$mail->Port = 465; //TCP port to connect to; use 587 if you have set `SMTPSecure = PHPMailer::ENCRYPTION\_STARTTLS`

//Recipients

$mail->setFrom('umang.gupta\_cs20@gla.ac.in', 'Friendshub');

//Add a recipient

$mail->addAddress($email);

//Content

$mail->isHTML(true); //Set email format to HTML

$mail->Subject = $subject;

$mail->Body = 'Hey Buddy Your Verification code is : <b>'.$code.'</b>';

$mail->send();

} catch (Exception $e) {

echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";

}

}

**index.php:**

<?php

require\_once 'assets/php/functions.php';

if(isset($\_GET['newfp'])){

unset($\_SESSION['auth\_temp']);

unset($\_SESSION['forgot\_email']);

unset($\_SESSION['forgot\_code']);

}

if(isset($\_SESSION['Auth'])){

$user = getUser($\_SESSION['userdata']['id']);

$posts = filterPosts();

$follow\_suggestions = filterFollowSuggestion();

}

$pagecount = count($\_GET);

//manage pages

if(isset($\_SESSION['Auth']) && $user['ac\_status']==1 && !$pagecount){

showPage('header',['page\_title'=>'Home']);

showPage('navbar');

showPage('wall');

}elseif(isset($\_SESSION['Auth']) && $user['ac\_status']==0 && !$pagecount){

showPage('header',['page\_title'=>'Verify Your Email']);

showPage('verify\_email');

}elseif(isset($\_SESSION['Auth']) && $user['ac\_status']==2 && !$pagecount){

showPage('header',['page\_title'=>'Blocked']);

showPage('blocked');

}elseif(isset($\_SESSION['Auth']) && isset($\_GET['editprofile']) && $user['ac\_status']==1){

showPage('header',['page\_title'=>'Edit Profile']);

showPage('navbar');

showPage('edit\_profile');

}elseif(isset($\_SESSION['Auth']) && isset($\_GET['u']) && $user['ac\_status']==1){

$profile = getUserByUsername($\_GET['u']);

if(!$profile){

showPage('header',['page\_title'=>'User Not Found']);

showPage('navbar');

showPage('user\_not\_found');

}else{

$profile\_post = getPostById($profile['id']);

$profile['followers']=getFollowers($profile['id']);

$profile['following']=getFollowing($profile['id']);

showPage('header',['page\_title'=>$profile['first\_name'].' '.$profile['last\_name']]);

showPage('navbar');

showPage('profile');

}

}elseif(isset($\_GET['signup'])){

showPage('header',['page\_title'=>'Pictogram - SignUp']);

showPage('signup');

}elseif(isset($\_GET['login'])){

showPage('header',['page\_title'=>'Pictogram - Login']);

showPage('login');

}elseif(isset($\_GET['forgotpassword'])){

showPage('header',['page\_title'=>'Pictogram - Forgot Password']);

showPage('forgot\_password');

}else{

if(isset($\_SESSION['Auth']) && $user['ac\_status']==1){

showPage('header',['page\_title'=>'Home']);

showPage('navbar');

showPage('wall');

}elseif(isset($\_SESSION['Auth']) && $user['ac\_status']==0){

showPage('header',['page\_title'=>'Verify Your Email']);

showPage('verify\_email');

}elseif(isset($\_SESSION['Auth']) && $user['ac\_status']==2){

showPage('header',['page\_title'=>'Blocked']);

showPage('blocked');

}else{

showPage('header',['page\_title'=>'Pictogram - Login']);

showPage('login');

}

}

showPage('footer');

unset($\_SESSION['error']);

unset($\_SESSION['formdata']);

**custom java script file:**

//for preview the post image

var input = document.querySelector("#select\_post\_img");

input.addEventListener("change", preview);

function preview() {

var fileobject = this.files[0];

var filereader = new FileReader();

filereader.readAsDataURL(fileobject);

filereader.onload = function() {

var image\_src = filereader.result;

var image = document.querySelector("#post\_img");

image.setAttribute('src', image\_src);

image.setAttribute('style', 'display:');

}

}

//for follow the user

$(".followbtn").click(function() {

var user\_id\_v = $(this).data('userId');

var button = this;

$(button).attr('disabled', true);

$.ajax({

url: 'assets/php/ajax.php?follow',

method: 'post',

dataType: 'json',

data: { user\_id: user\_id\_v },

success: function(response) {

console.log(response);

if (response.status) {

$(button).data('userId', 0);

$(button).html('<i class="bi bi-check-circle-fill"></i> Followed')

} else {

$(button).attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

//for unfollow the user

$(".unfollowbtn").click(function() {

var user\_id\_v = $(this).data('userId');

var button = this;

$(button).attr('disabled', true);

console.log('clicked');

$.ajax({

url: 'assets/php/ajax.php?unfollow',

method: 'post',

dataType: 'json',

data: { user\_id: user\_id\_v },

success: function(response) {

if (response.status) {

$(button).data('userId', 0);

$(button).html('<i class="bi bi-check-circle-fill"></i> Unfollowed')

} else {

$(button).attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

//for like the post

$(".like\_btn").click(function() {

var post\_id\_v = $(this).data('postId');

var button = this;

$(button).attr('disabled', true);

$.ajax({

url: 'assets/php/ajax.php?like',

method: 'post',

dataType: 'json',

data: { post\_id: post\_id\_v },

success: function(response) {

console.log(response);

if (response.status) {

$(button).attr('disabled', false);

$(button).hide()

$(button).siblings('.unlike\_btn').show();

$('#likecount' + post\_id\_v).text($('#likecount' + post\_id\_v).text() - (-1));

// location.reload();

} else {

$(button).attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

$(".unlike\_btn").click(function() {

var post\_id\_v = $(this).data('postId');

var button = this;

$(button).attr('disabled', true);

$.ajax({

url: 'assets/php/ajax.php?unlike',

method: 'post',

dataType: 'json',

data: { post\_id: post\_id\_v },

success: function(response) {

if (response.status) {

$(button).attr('disabled', false);

$(button).hide()

$(button).siblings('.like\_btn').show();

// location.reload();

$('#likecount' + post\_id\_v).text($('#likecount' + post\_id\_v).text() - 1);

} else {

$(button).attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

//for adding comment

$(".add-comment").click(function() {

var button = this;

var comment\_v = $(button).siblings('.comment-input').val();

if (comment\_v == '') {

return 0;

}

var post\_id\_v = $(this).data('postId');

var cs = $(this).data('cs');

var page = $(this).data('page');

$(button).attr('disabled', true);

$(button).siblings('.comment-input').attr('disabled', true);

$.ajax({

url: 'assets/php/ajax.php?addcomment',

method: 'post',

dataType: 'json',

data: { post\_id: post\_id\_v, comment: comment\_v },

success: function(response) {

console.log(response);

if (response.status) {

$(button).attr('disabled', false);

$(button).siblings('.comment-input').attr('disabled', false);

$(button).siblings('.comment-input').val('');

$("#" + cs).prepend(response.comment);

$('.nce').hide();

if (page == 'wall') {

location.reload();

}

} else {

$(button).attr('disabled', false);

$(button).siblings('.comment-input').attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

var sr = false;

$("#search").focus(function() {

$("#search\_result").show();

});

$("#close\_search").click(function() {

$("#search\_result").hide();

});

$("#search").keyup(function() {

var keyword\_v = $(this).val();

$.ajax({

url: 'assets/php/ajax.php?search',

method: 'post',

dataType: 'json',

data: { keyword: keyword\_v },

success: function(response) {

console.log(response);

if (response.status) {

$("#sra").html(response.users);

} else {

$("#sra").html('<p class="text-center text-muted">no user found !</p>');

}

}

});

});

jQuery(document).ready(function() {

jQuery("time.timeago").timeago();

});

$("#show\_not").click(function() {

$.ajax({

url: 'assets/php/ajax.php?notread',

method: 'post',

dataType: 'json',

success: function(response) {

if (response.status) {

$(".un-count").hide();

}

}

});

});

$(".unblockbtn").click(function() {

var user\_id\_v = $(this).data('userId');

var button = this;

$(button).attr('disabled', true);

console.log('clicked');

$.ajax({

url: 'assets/php/ajax.php?unblock',

method: 'post',

dataType: 'json',

data: { user\_id: user\_id\_v },

success: function(response) {

console.log(response);

if (response.status) {

location.reload();

} else {

$(button).attr('disabled', false);

alert('something is wrong,try again after some time');

}

}

});

});

var chatting\_user\_id = 0;

$(".chatlist\_item").click();

function popchat(user\_id) {

$("#user\_chat").html(`<div class="spinner-border text-center" role="status">

</div>`);

$("#chatter\_username").text('loading..');

$("#chatter\_name").text('');

$("#chatter\_pic").attr('src', 'assets/images/profile/default\_profile.jpg');

chatting\_user\_id = user\_id;

$("#sendmsg").attr('data-user-id', user\_id);

}

$("#sendmsg").click(function() {

var user\_id = chatting\_user\_id;

var msg = $("#msginput").val();

console.log(user\_id);

if (!msg) return;

$("#sendmsg").attr("disabled", true);

$("#msginput").attr("disabled", true);

$.ajax({

url: 'assets/php/ajax.php?sendmessage',

method: 'post',

dataType: 'json',

data: { user\_id: user\_id, msg: msg },

success: function(response) {

if (response.status) {

$("#sendmsg").attr("disabled", false);

$("#msginput").attr("disabled", false);

$("#msginput").val('');

} else {

alert('someting went wrong, try again after some time');

}

}

});

});

function synmsg() {

$.ajax({

url: 'assets/php/ajax.php?getmessages',

method: 'post',

dataType: 'json',

data: { chatter\_id: chatting\_user\_id },

success: function(response) {

console.log(response);

$("#chatlist").html(response.chatlist);

if (response.newmsgcount == 0) {

$("#msgcounter").hide();

} else {

$("#msgcounter").show();

$("#msgcounter").html("<small>" + response.newmsgcount + "</small>");

}

if (response.blocked) {

$("#msgsender").hide();

$("#blerror").show();

} else {

$("#msgsender").show();

$("#blerror").hide();

}

if (chatting\_user\_id != 0) {

$("#user\_chat").html(response.chat.msgs);

$("#chatter\_username").text(response.chat.userdata.username);

$("#cplink").attr('href', '?u=' + response.chat.userdata.username);

$("#chatter\_name").text(response.chat.userdata.first\_name + ' ' + response.chat.userdata.last\_name);

$("#chatter\_pic").attr('src', 'assets/images/profile/' + response.chat.userdata.profile\_pic);

}

}

});

}

synmsg();

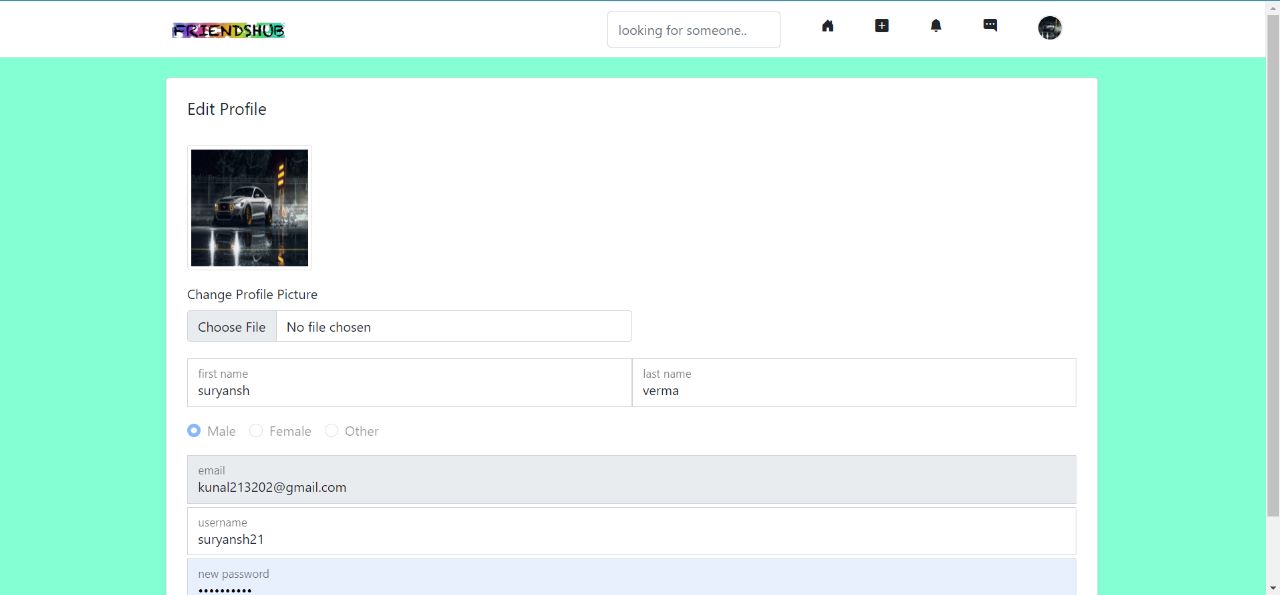
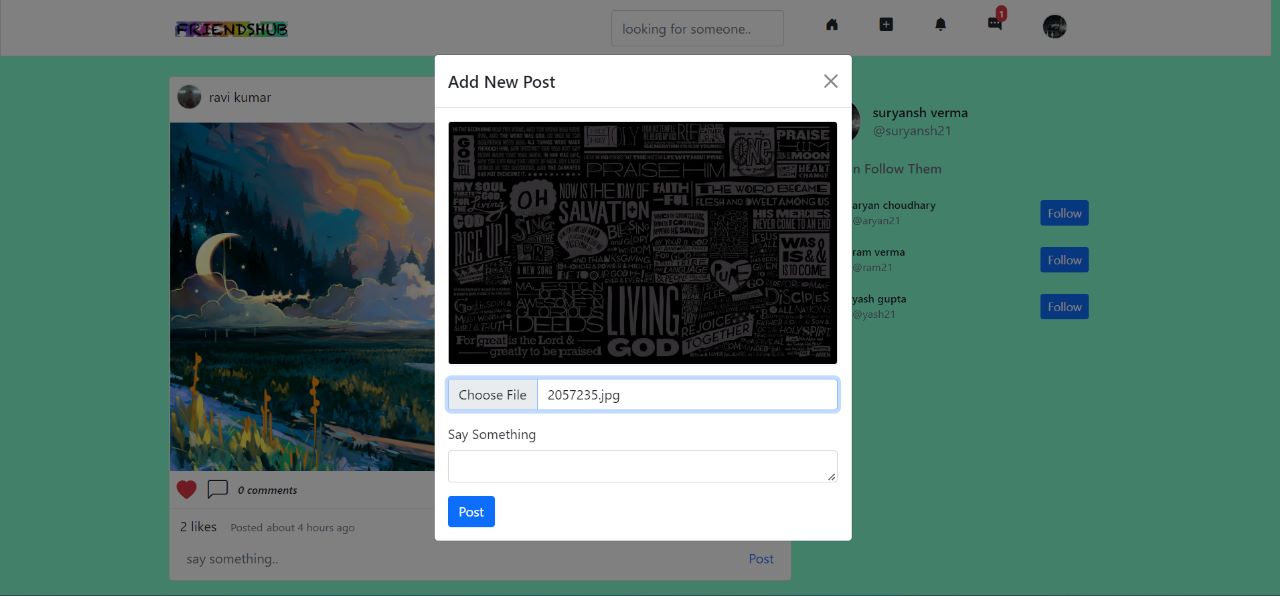
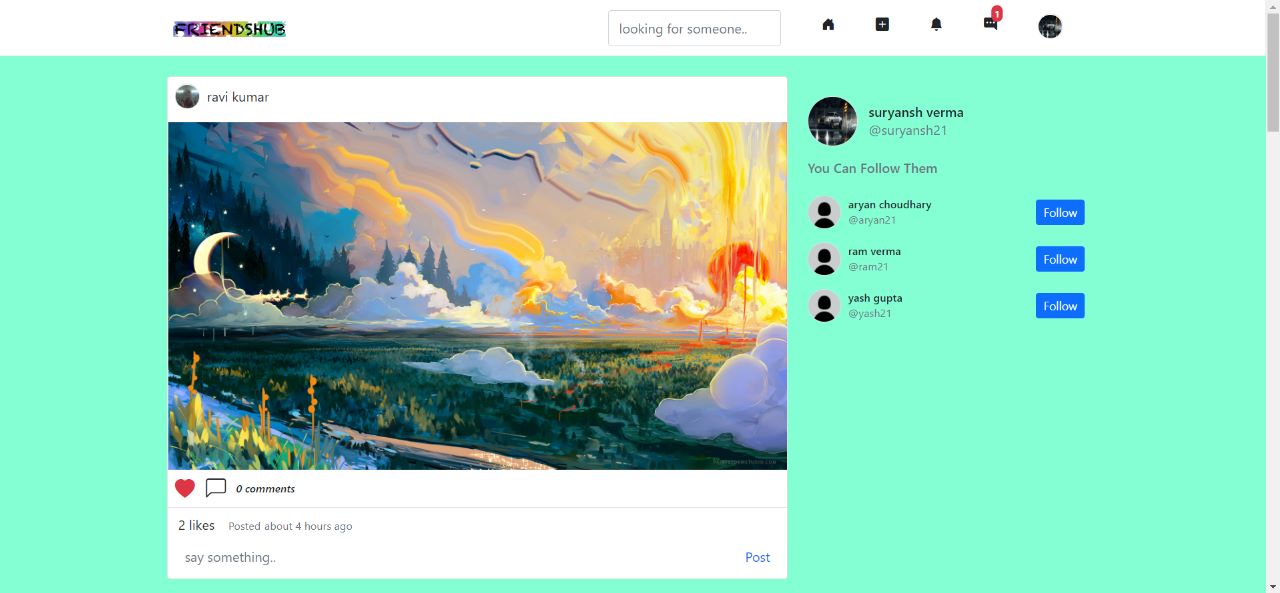
setInterval(() => {

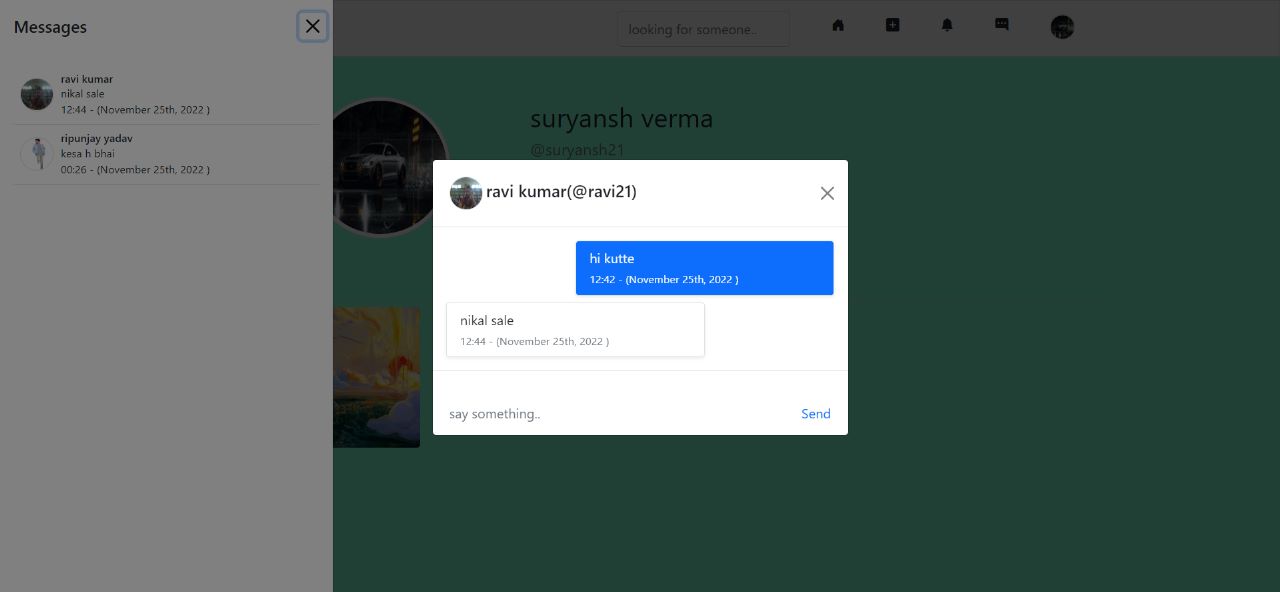
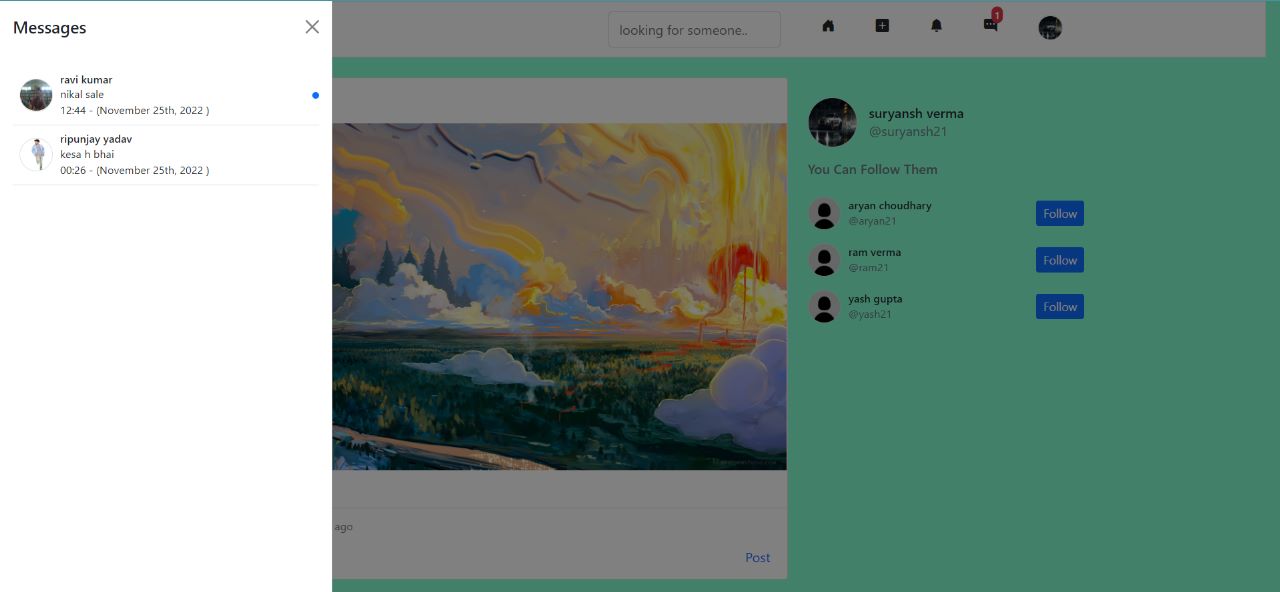
synmsg();

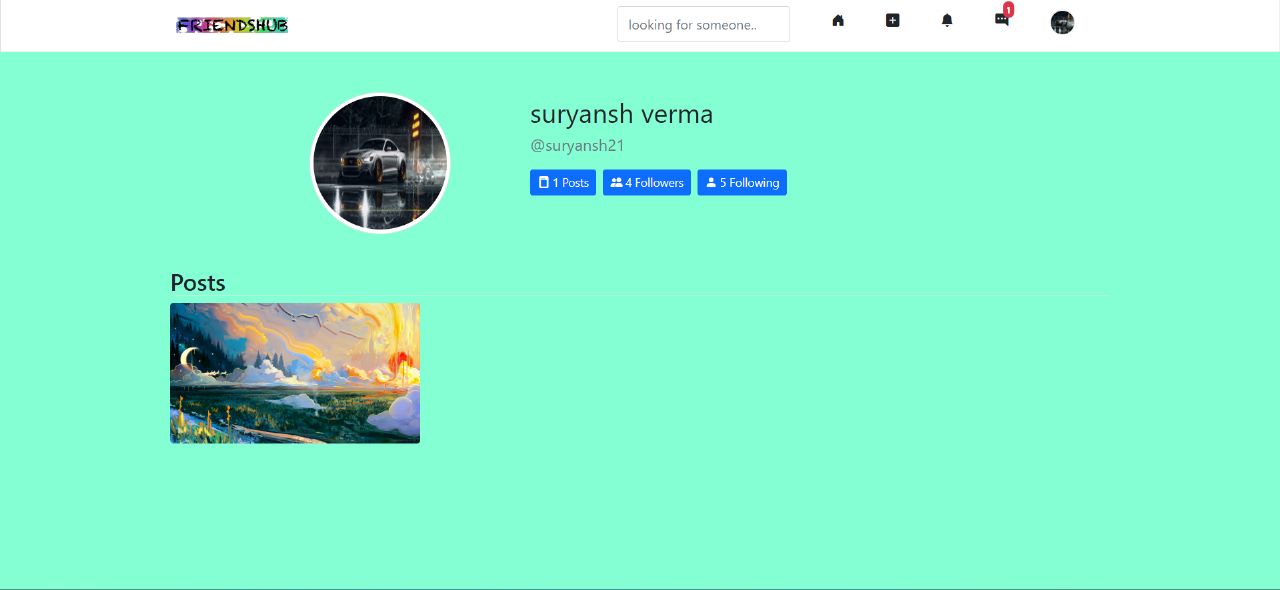
}, 1000);

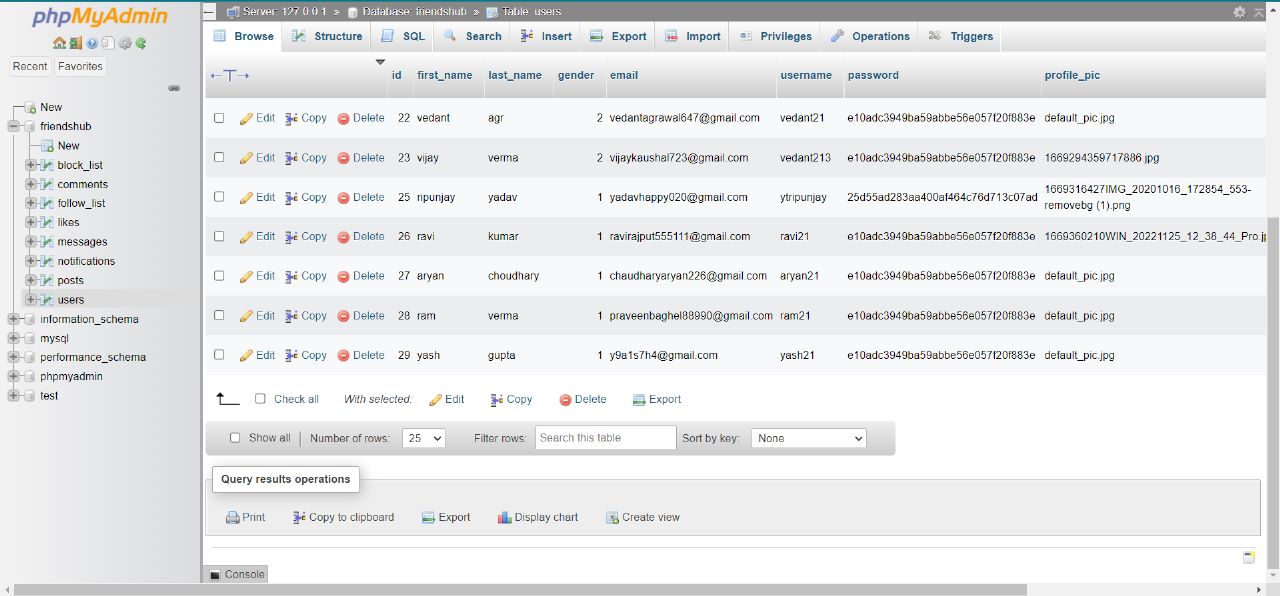
**WORKING**

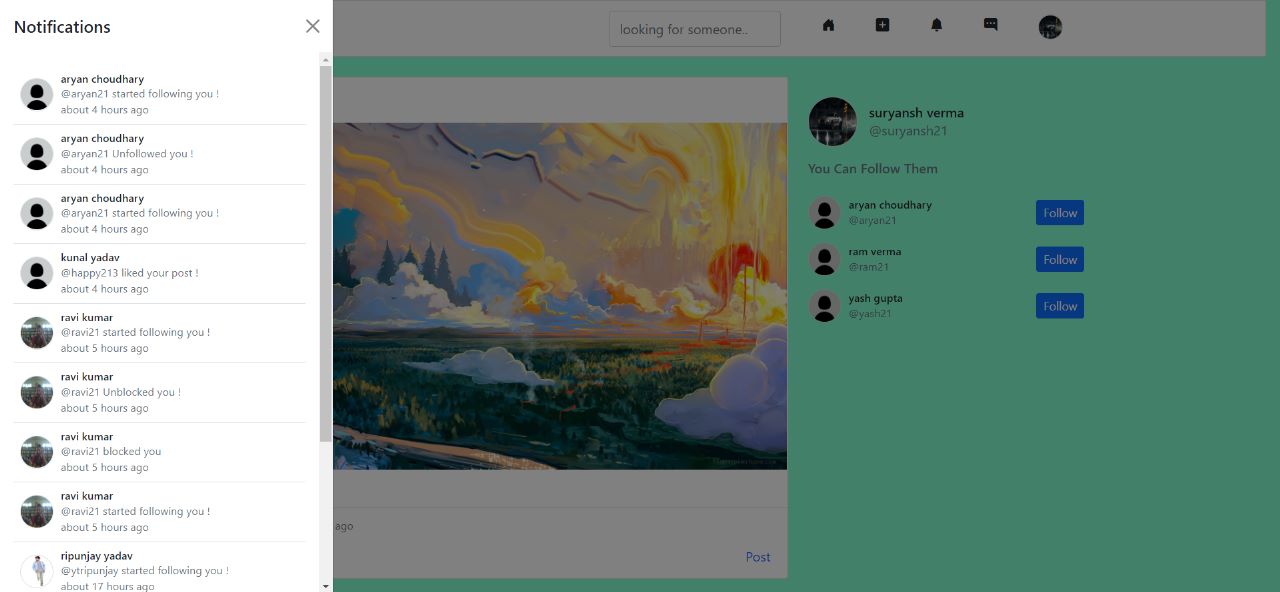
1. User login or Signup to the website through email verification.
2. Then we come to home page where user can see the suggestion of old accounts.
3. After that they can easily search the required user or add them by sending or direct follow.
4. Once the both users added then they can start chatting or sharing the reels to each other.
5. Users can also like or make comment on the posts share by the commoner, friends or celebrity.
6. User can also Block or Unblock the users

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**CONCLUSION AND FUTURE WORK**

**Conclusion:**

As per the goal of this project an attempt is made to show how we can communicate on online platform and also enable users to communicate globally.

By looking into the benefits and harms, we know that while social media is convenient to us in daily life, it is also dangerous to make online friends. The survey shows that even though users knew that they shouldn't provide personal information to internet friends, there are still a small group of people who leaked their personal information to strangers.

In conclusion, there are benefits of making friends on the Internet while harms also exist. Therefore, we should take precaution and always be careful and cautious, so that we can use social networking sites safely.

**Future work:-**

The scope of social media in India bloomed during the pandemic. This success can also be the result of increased internet use among our generation.

Many different adaptations, tests, and experiments have been left for the future due to lack of time. The present system is just an interactive UI with user database but Future work concerns with developing a Admin panel and a data base to store users detail with user information & data.

[**Github:**](https://github.com/Suryanshverma213202/friendshub1.github.io.git) **https://github.com/Suryanshverma213202/friendshub1.github.io.git**