

MINI PROJECT

(2020-21)

SOCIAL HUB

REPORT



Institute of Engineering & Technology

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Submitted To:

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Acknowledgment

It gives us a great sense of pleasure to present the synopsis of the B.Tech Mini Project (SOCIAL HUB) undertaken during B.Tech IIIrd Year. This project in itself is going to be an acknowledgement to the inspiration, drive and technical assistance will be contributed to it by many individuals.

We owe special debt of gratitude to Dr. Manoj Varshnay, Assistant Professor Department of CEA, for providing us with an encouraging platform to develop this project, which thus helped us in shaping our abilities towards a constructive goal and for his constant support and guidance to our work. His sincerity, thoroughness and perseverance is been a constant source of inspiration for us. We believe that he will shower us with all his extensively experienced ideas and insightful comments at different stages of the project & also taught us about the latest industry-oriented technologies. We also do not like to miss the opportunity to acknowledge the contribution of all faculty members of the department for their kind guidance and co-operation.

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Sarthak Sharma

Anirudh Saxena

CERTIFICATES:

Rahul Kumar Sharma



Sarthak Sharma

Certificate of Completion

*This is to certify that Sarthak Sharma
successfully completed 20.5 total hours of Web
Development Masterclass - Complete Certificate
Course online course on Nov. 5, 2020*

YouAccel Training
YouAccel Training, Instructor



Certificate no: UC-979add4f-a8b3-4a66-8a67-b51339a1499f
Certificate url: ude.my/UC-979add4f-a8b3-4a66-8a67-b51339a1499f
Version 3

#BeAble

Anirudh Saxena:



SOCIAL HUB

A web based Social networking Application

Problem statement

In the present time, everyone is busy in doing their own work and they haven't much time to connect with people, even with their own family. Due to this problem many of people are losing speaking skills and also they are not able to connect with other people which are not familiar with them. So, we are going to create a social networking site known as "SOCIAL HUB" which will help people to connect with other people no matter if they know or don't know each other.

Objective

Creating a web based application like Facebook, using front end development tool like HTML, CSS & JAVA SCRIPT and back end development tool like PHP with MYSQL database.

Reason for selecting this project

Social networking sites are a great platform for people to connect with their loved ones. It helps in increasing communication and making connections with people all over the world, and it's very beneficial. Social networking sites are everywhere now. In other words, they have taken over almost every sphere of life. If we talk about the educational field, these sites enhance education by having an influence on the learners. They can explore various topics for their projects. Furthermore, the business field benefits a lot from social networking sites. The companies use social networking sites to connect better with their potential clients and business partners. Apart from these reason social networking sites can also use for fun and entertainment. These are some reasons, which attract me to select this project.

Literature Survey

The amount of time people spend on social media is constantly increasing. Teens now spend up to nine hours a day on social platforms, while 30% of all time spent online is now allocated to social media interaction. And the majority of that time is on mobile - 60% of social media time spent is facilitated by a mobile device.

The social media platforms themselves are evolving their tools and options to further attract and engage new audiences (e.g. advent of live-streaming features and 360-degree photos/videos). Newer social platforms, including Snapchat, Instagram, and now Musical.ly, are also competing for their share of the market. Accordingly, brands are jumping into social media with social media ad spend expected to reach \$36 billion in 2017.

Astonishingly, the average person will spend nearly two hours (approximately 116 minutes) on social media everyday, which translates to a total of 5 years and 4 months spent over a lifetime, Even more.

So, These reasons clearly shows us that how people is addicted to social media or sites , if we talk about our project as it'll also a social media site with lots of feature so, I can definitely assure you that this project is going to be successful.

Feasibility Study

In present, there are many social networking sites are available like Facebook, Instagram etc. And these are very famous around the globe so, to compete with them, we are going to make our application very light, easy to use and user friendly with great features, so that people attract to our application and start using our product.

Platform Feasibility: The project is based on websites, so this can be access by any device which has internet connection.

Future Scope of this project

This is the age of contacts for interaction between people to people through social platforms in the web. The tremendous popularity of using the social media networking could never have been realized before. In fact, social media have become an important tool of marketing in true sense of customer orientation. The scope of social networking is widening, and today it offers a strong support to the companies in providing the much desired touch of concern. Future of social media networking brings exciting promises, and social media also help companies to sell their product by doing advertisement.

This is the beginning of interweaving social media networking as a positive business process bringing two people together than merely two organizational entities. People can communicate their message to the suppliers or customers and also convey any difference of opinion over the social networks. The business community has started to take a keen interest in the enormous possibilities of reaching and serving the buyers in this emerging domain of marketing.

Social media networking is a more practical approach for dealing with the consumers. It may be for improving the products listening to the customers' views with critical appreciations. It may also help improving the ways of dealing with buyers using them as ears and the eye of the organizations. All the big companies are quite optimistic about the positive impact of Social media networking and gone into developing fully integrated processed with a holistic touch. Take the example of activities the companies like IBM, Microsoft and Google performs to strengthen their networking platforms via social networks like Twitter and Facebook.

The bright future prospect of social networking is also proven with the fact that the technology is integrated in the mobile phones as well. Look at the devices designed with powers of interpersonal communication on a globalized outlook. These devices are now being created to with the perspective of global interaction and messaging across geographical boundaries. The concept is one, wherever on the earth; reach the common platform of the people for everybody's benefit.

So, these reasons are sufficient to say this project has a lot scope in future.

Methodology

It was very difficult years ago to communicate with friends or family living in distant and far off places, thanks to technology that is not a problem anymore. Social networking is growing big in India and rest of the world with more and more users joining it every minute.

On these types of networks we meet up familiar persons or complete strangers whom we share similar interest with. If the earlier trend was making associations and groups physically, the present generation believes in making online communities and forms to discuss issues related to various and diverse topics.

The present system is developed such that a registered user maintains his/her own profile and could also search other similar peer profiles over the application. A registered user can send friend requests over the site.

It was very difficult years ago to communicate with friends or family living in distant and far off places, thanks to technology that is not a problem anymore. Social networking is growing big in India and rest of the world with more and more users joining it every minute.

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Highlights of this networking site:

- Registered user can create their profile which will contain their details such as personal, educational, interests etc.
- Once registered can send friend requests to other users of the site and add them to friends list, similarly can accept friend requests sent by other peers
- Users can send mails and messages online to friends in profile list which may include multimedia messages as well.
- Users will have an inbox and outbox containing received and sent messages
- Users can upload photos and videos and create an album of their own which their friends would be able to see and comment upon
- Users can set privacy settings for their profile
- Users can begin or join any communities they are interested in, can post messages in these communities as well.
- Social networking sites not only allow users to mingle with different people, it also helps to spread social awareness and important information in a faster and simpler way.
- People can search for long lost friends or family members and can get back in touch with them through this site.

Website: A website is a collection of web pages.

Web pages: A web page is a specific collection of information provided by a website and displayed to a user in a web browser, and these web pages can be created using HTML, CSS and JAVASCRIPT etc.

These HTML, CSS and JAVASCRIPT are front end development.

Front End: Front End development is the practice of converting data to graphical interface.

HTML: Hypertext Markup Language is the standard markup language for making static web pages.

CSS: Cascading Style Sheets (CSS) is used to format the layout of a webpage. With CSS, you can control the color, font, the size of text, the spacing between elements, how elements are positioned and laid out, what background images or background colors to be used, different displays for different devices and screen sizes, and much more!

JavaScript: Web sites contain JavaScript, a scripting programming language that runs on the web browser to make specific features on the web page functional.

Back End: Backend Development refers to the server-side development. The Backend Developer works on Development Languages, Database, and cache, Server, API .The backend web developer should understand the goals of the website and come up with effective solutions .

We are going to use PHP for creating backend of our website.

And we are going to use XAMPP server as a local host to host the website.

XAMPP: XAMPP is a free and open-source cross-platform web server solution stack package developed by Apache Friends, consisting mainly of the Apache HTTP Server, MariaDB database, and interpreters for scripts written in the PHP and Perl programming languages.

XAMPP stands for : X- Can be used in both Windows And Mac Os

A- Apache http server

M- MYSQL

P-PHP

P-PERL

Hardware & Software to be used

Hardware: We just need a system like PC/computer to use it like database to provide service and to store data from server. E.g. our system works like a local server database.

Software: PhpStorm and Visual studio Code.

- PhpStorm: It is used as editor to write in PHP language.

(PhpStorm is a commercial, cross-platform IDE for PHP)

- Visual studio Code: It is used to create websites etc. and this is available as open source application.

Testing technologies to be used

We are going to Test it Manually by following parameter:

- Functionality Testing of a Website
- Usability testing
- Interface Testing
- Database Testing

Contribution make by the project

Social networking website is one of the leading ways of communication that take place between the people these days because it was most easy and secure way to communicate with the world. This project provides an idea of developing the application called a social networking website. Social networking websites like Facebook, Twitter, LinkedIn, and so on. Where People get to know of the people around the world through these social networking websites.

Social Networking means a group of people come together to know each other through the facility of the internet. The social networking website project helps to share videos, images, stories, and a lot of things. Where The user has full control with whom they want to share their data. they can form small groups which help them to share the information within that group. This will be one of the interesting projects that can be worked on. they will be able to use this application for colleges, schools, industries can use it for better communication. The teachers and the students can form a group and share the study materials that are required for their better understanding of the concept. It will reduce the time and minimize the expenditure (approx zero rupees) consumed in getting the hard copy of the study materials. This makes the whole hectic task easy, fast and secure and also available to all at the same time. It can also be used in the organization where the employees and the higher authorities can form a group and share their views and opinions on different matters and policies of the organization so that one can try in improving it. The features that can be included in this project are as follows:

Sharing of videos, images: Through this project, the people will be able to share the images, videos among a group of people and also to the individual id if they want. While sharing their data they can control and put restriction that how can read their sharing data this gives them a feeling that their personal data is highly secure at this platform.

Database management of the people: The people who are apart of the groups or the social networking website application, their information needs to be stored in a well-organized manner. So that when they required to read their personal data they can get it in a very minimum amount of time and without losing a single bit of that data. Managing the data help to increase the efficiency of the storage by which we

can store more data in the same memory because proper memory management reduces the wastage of unnecessary memory and increase the speed.

Processing management of request: When lot's of people working on the same platform then they produce a huge amount of request and data at the same time to handle it in an easy way we will design channel which can identify the motive of request and send the request to the particular handler which reduces the load on every processor and increase the efficiency.

Knowledge can be gained: Through this application, it is also possible to share the knowledge-based articles which results in knowledge gain.

Understand easy way: People from different parts of the world can write their message in their mother tongue and at the time when they send then they can translate that message according to the receiver location and preferred language. which makes it easy to work and give you the freedom to talk with anyone in the world.

Scope for extension into a major project

This project definitely can be extend to a major project by adding lot of more feature which will attract people to use it as daily basis.

Conclusion

In the end of this project, we will get a fully functioning Social networking site.

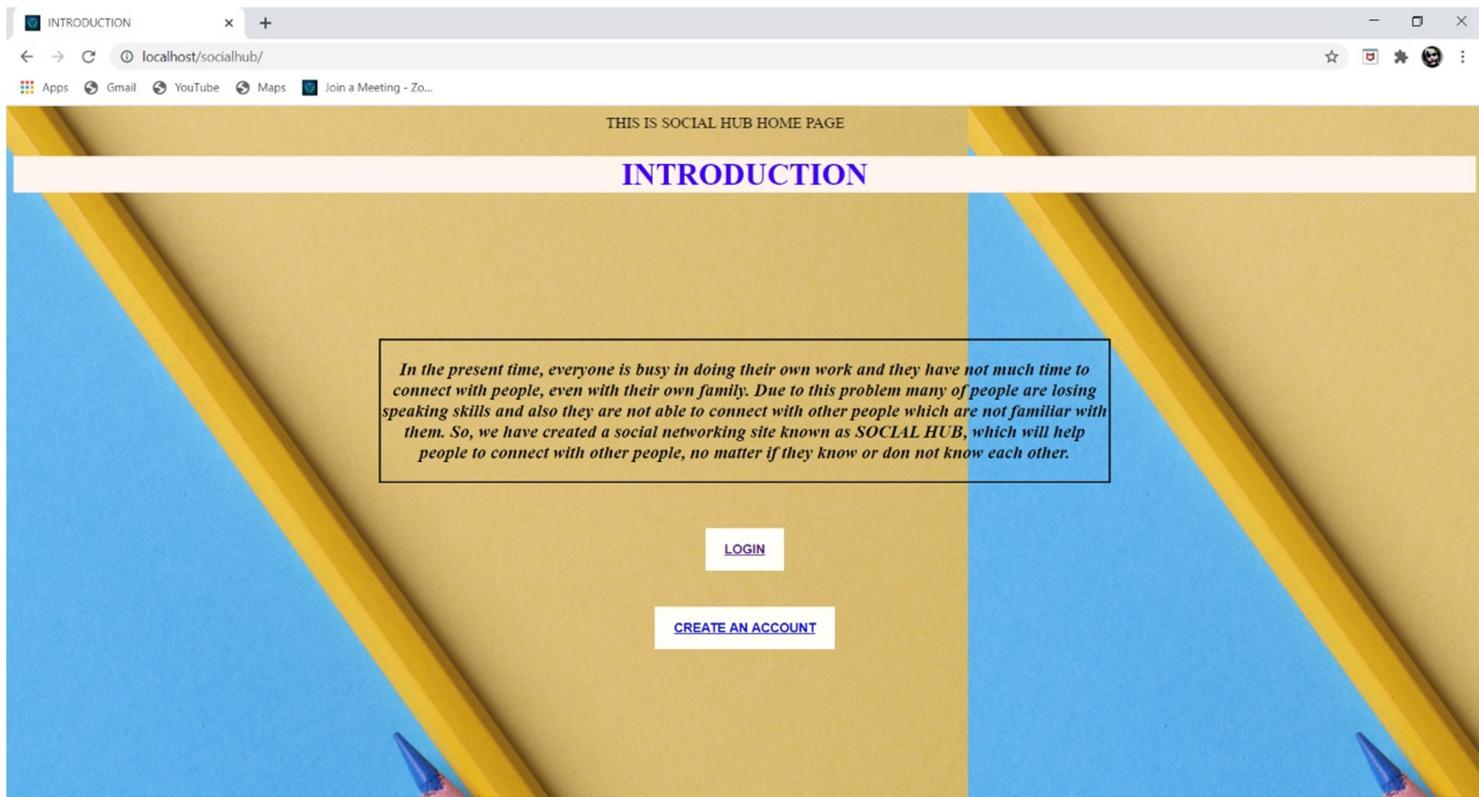
(Website based application).

MID TERM REPORT

- ❖ Home Page :- A home page is a webpage that serves as the starting point of website. It is the default webpage that loads when you visit a web address that only contains a domain name. For example, visiting <https://techterms.com> will display the Tech Terms home page.
The home page is located in the root directory of a website. Most web server allow the home page to have one of several different filenames. Examples include index.html, index.htm, index.shtml, index.php,

default.html, and home.html. The default filename of a website's home page can be customized on both Apache and IIS servers. Since the home page file is loaded automatically from the root directory, the home page URL does not need to include the filename.

Social hub homepage :-



Code :-

```
<!DOCTYPE html>
<html LANG="EN">

<head>
    <title>INTRODUCTION</title>
    <link rel="icon" href="image/icon.png" />
    <style>
        button {
            background-color: #ffffef7;
```

```

        color: gray;
        padding: 14px 20px;
        margin: 8px 0;
        border: none;
        cursor: pointer;
        width: auto;

    }

</style>
</head>

<body style="background-size:1000px 1500px;" background="image/HOME.jpg">
<marquee behavior="alternate" direction="right">THIS IS SOCIAL HUB HOME PAGE</marquee></u>
<h1 style="text-align: center;color: rgb(68, 0, 255);background-color: seashell;">INTRODUCTION</h1>

<div style="border: 2px solid black; margin-top: 10%; margin-left: 25%; margin-right: 25%;">
    <h3 style="text-align: center; font-style: italic;">In the present time, everyone is busy in
    doing their own
        work and they have not much time to connect with people, even with their own family. Due to
        this problem
            many of people are losing speaking skills and also they are not able to connect with other
            people which
                are not familiar with them. So, we have created a social networking site known as SOCIAL
                HUB, which will
                    help people to connect with other people,
                    no matter if they know or don not know each other.</u></h3>
</div>

<br>
<h1 style="text-align: center;"><button type="submit" name="login"><strong><a href="sign_in.php">LOGIN</a></strong></button></h1>
<h1 style="text-align: center;"><button type="submit" name="login"><strong><a href="Sign_up.php">CREATE AN ACCOUNT</a></strong></button></h1>

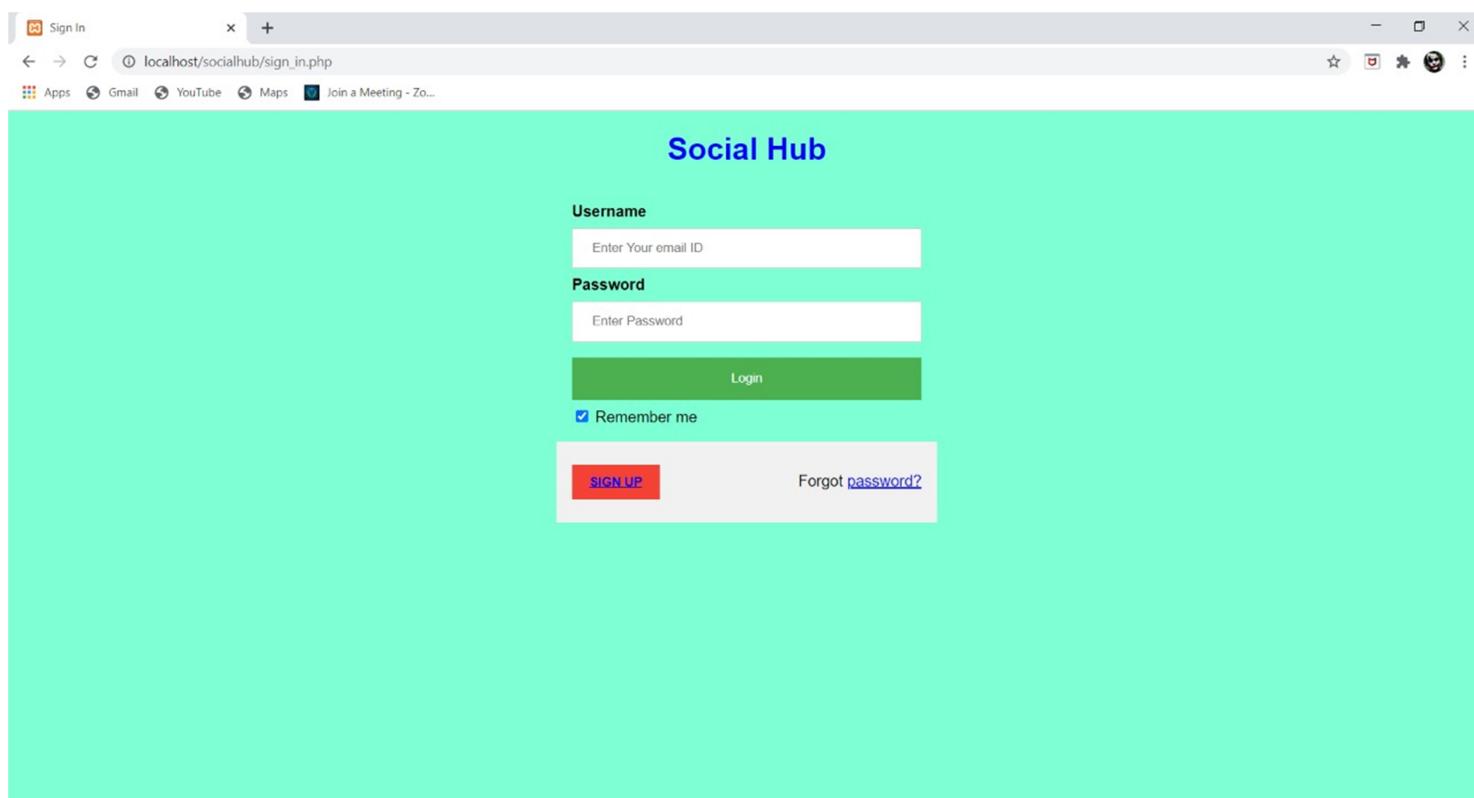
</body>

```

```
</html>
```

- ❖ Log in page :- A login page is a web page or an entry page to a website that requires user identification and authentication, regularly performed by entering a username and password combination. Logins may provide access to an entire site or part of a website.

Social hub log in page :-



Code :-

```

<!DOCTYPE
html>

<html lang="en" >
<head>
<meta charset="utf-8">
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<link rel="stylesheet" type="text/css" href="css/sign_in.css">
<title>
    Sign In
</title>
</head>
<body bgcolor="#7ffffd4">
<h1 class="heading" style="text-align: center">Social Hub</h1>
<form action="available.html" method="post">

<div class="container" >
    <label for="uname"><b>Username</b></label>
    <input type="text" placeholder="Enter Your email ID" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>

    <button type="submit" name="sign_in">Login</button>
    <?php
        include ("signin_user.php")

    ?>
    <label>
        <input type="checkbox" checked="checked" name="remember"> Remember me
    </label>
</div>

<div class="container" style="background-color:#f1f1f1">
    <button type="button" class="cancelbtn"><a href="Sign_up.php"><b> SIGN UP</b></a></button>
    <span class="psw">Forgot <a href="#">password?</a></span>

</div>
</form>

```

```

</body>
</html>

<?php
    session_start();
    $con=mysqli_connect('localhost','root','');
    if(!$con)
    {
        echo "Not Connect to server ";
    }
    if(!mysqli_select_db($con,'mychat'))
    {
        echo "Data not Connected ";
    }
    $link = mysqli_connect("localhost",
                           "root", "", "mychat");
    if (isset($_POST['sign_in'])){
        $mail= $_POST['uname'];
        $pass= $_POST['psw'];
        $id=$_POST['uname'];
        $select="select * from users where Email='".$mail' AND Password='".$pass."'";
        $query = mysqli_query($con,$select);
        $check_user = mysqli_num_rows($query);
        $query="INSERT INTO chats(uname) VALUES ('".$mail')";
        if (mysqli_query($con,$query))
        {
            echo '<script>alert("Successfully inserted image")</script>';
        }
        if($check_user==1){
            $_SESSION['Email']=$mail;

            $update_msg = mysqli_query($con,"UPDATE users SET sign_in='online' where Email='".$mail"'");

            $user = $_SESSION['Email'];
            $get_user="select * from users where Email='".$mail."'";
            $run_user=mysqli_query($con,$get_user);
            $row = mysqli_fetch_array($run_user);

```

```

$user_name=$row['First_name'];
echo "<script>window.open('home.php?First_name=$user_name','_self')</script>";

}

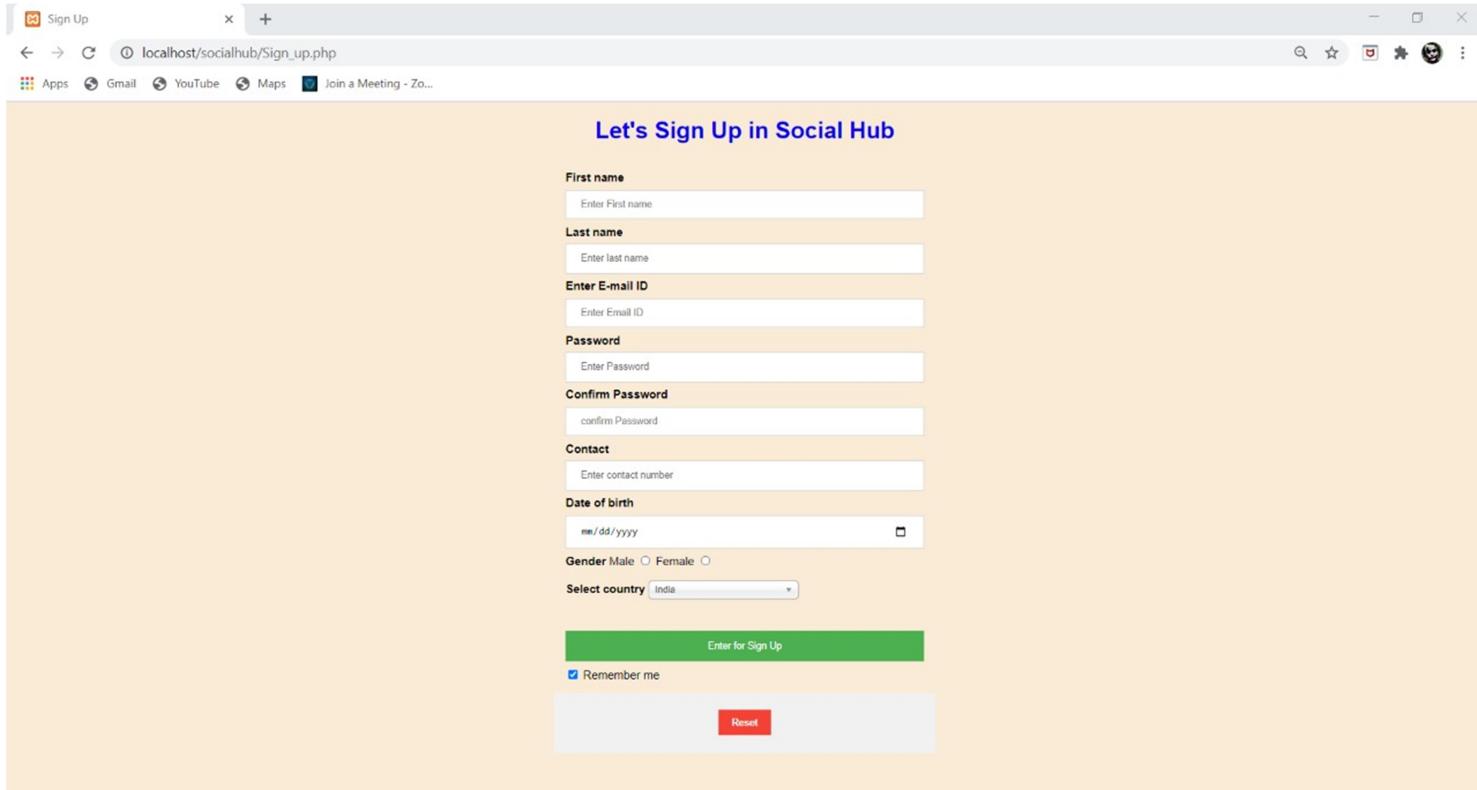
else{
    echo "<div class='alert alert-danger'><strong>Check your Email and
Password.</strong></div>";
}

?>

```

- ❖ Sign up page :- A signup page (also known as a registration page) enables users and organizations to independently register and gain access to your system. It is common to have multiple signup pages depending on the types of people and organizations you want to register. Global Administrator access is required to create and modify signup pages.

Social hub sign up page :-



Code :-

Sign_up.php

```
<!DOCTYPE html>
<html lang="en" >
<head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <link rel="stylesheet"
        href="https://ajax.googleapis.com/ajax/libs/jqueryui/1.12.1/themes/smoothness/jquery-ui.css">
    <script src="https://ajax.googleapis.com/ajax/libs/jqueryui/1.12.1/jquery-ui.min.js"></script>
    <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.5.1/jquery.min.js"></script>
    <script
        src="https://cdnjs.cloudflare.com/ajax/libs/chosen/1.8.7/chosen.jquery.min.js"></script>
    <link rel="stylesheet"
        href="https://cdnjs.cloudflare.com/ajax/libs/chosen/1.8.7/chosen.min.css">
    <link rel="stylesheet" type="text/css" href="css/sign_up.css">
    <title>
        Sign Up
    </title>
</head>
```

```
<body bgcolor="#faebd7">
<h1 class="heading" style="text-align: center">Let's Sign Up in Social Hub</h1>
<form action="sign_in.php.php" method="post" enctype="multipart/form-data">

<div class="container" >
    <label for="First name"><b>First name</b></label>
    <input type="text" placeholder="Enter First name" name="fname" >

    <label for="Last name"><b>Last name</b></label>
    <input type="text" placeholder="Enter last name" name="lname" required>
    <label for="Email"><b>Enter E-mail ID</b></label><br>
    <input type="email" placeholder="Enter Email ID" name="uname" required>

    <label for="psw"><b>Password</b></label>
    <input type="password" placeholder="Enter Password" name="psw" required>

    <label for="cpsw"><b>Confirm Password</b></label>
    <input type="password" placeholder="confirm Password" name="cpsw" required>

    <label for="cont"><b>Contact</b></label>
    <input type="tel" placeholder="Enter contact number" name="cont" required>

    <label for="dob"><b>Date of birth</b></label>
    <input type="date" placeholder="Enter your Date of birth" name="dob" required>
    <br>
    <label for="gen"><b>Gender</b></label>
    <label>Male</label>
    <input type="radio" name="gen1" required>
    <label>Female</label>
    <input type="radio" name="gen1" required>
    <br><br>

    <label for="contry"><b>Select country</b></label>
    <select id="country" name="country" class="chosen" >
        <option value="India">India</option>
        <option value="Afghanistan" >Afghanistan</option>
        <option value="Albania">Albania</option>
```

```
<option value="Algeria">Algeria</option>
<option value="American Samoa">American Samoa</option>
<option value="Andorra">Andorra</option>
<option value="Angola">Angola</option>
<option value="Anguilla">Anguilla</option>
<option value="Antigua & Barbuda">Antigua & Barbuda</option>
<option value="Argentina">Argentina</option>
<option value="Armenia">Armenia</option>
<option value="Aruba">Aruba</option>
<option value="Australia">Australia</option>
<option value="Austria">Austria</option>
<option value="Azerbaijan">Azerbaijan</option>
<option value="Bahamas">Bahamas</option>
<option value="Bahrain">Bahrain</option>
<option value="Bangladesh">Bangladesh</option>
<option value="Barbados">Barbados</option>
<option value="Belarus">Belarus</option>
<option value="Belgium">Belgium</option>
<option value="Belize">Belize</option>
<option value="Benin">Benin</option>
<option value="Bermuda">Bermuda</option>
<option value="Bhutan">Bhutan</option>
<option value="Bolivia">Bolivia</option>
<option value="Bonaire">Bonaire</option>
<option value="Bosnia & Herzegovina">Bosnia & Herzegovina</option>
<option value="Botswana">Botswana</option>
<option value="Brazil">Brazil</option>
<option value="British Indian Ocean Ter">British Indian Ocean Ter</option>
<option value="Brunei">Brunei</option>
<option value="Bulgaria">Bulgaria</option>
<option value="Burkina Faso">Burkina Faso</option>
<option value="Burundi">Burundi</option>
<option value="Cambodia">Cambodia</option>
<option value="Cameroon">Cameroon</option>
<option value="Canada">Canada</option>
<option value="Canary Islands">Canary Islands</option>
<option value="Cape Verde">Cape Verde</option>
<option value="Cayman Islands">Cayman Islands</option>
<option value="Central African Republic">Central African Republic</option>
<option value="Chad">Chad</option>
<option value="Channel Islands">Channel Islands</option>
<option value="Chile">Chile</option>
<option value="China">China</option>
<option value="Christmas Island">Christmas Island</option>
```

```
<option value="Cocos Island">Cocos Island</option>
<option value="Colombia">Colombia</option>
<option value="Comoros">Comoros</option>
<option value="Congo">Congo</option>
<option value="Cook Islands">Cook Islands</option>
<option value="Costa Rica">Costa Rica</option>
<option value="Cote DIvoire">Cote DIvoire</option>
<option value="Croatia">Croatia</option>
<option value="Cuba">Cuba</option>
<option value="Curacao">Curacao</option>
<option value="Cyprus">Cyprus</option>
<option value="Czech Republic">Czech Republic</option>
<option value="Denmark">Denmark</option>
<option value="Djibouti">Djibouti</option>
<option value="Dominica">Dominica</option>
<option value="Dominican Republic">Dominican Republic</option>
<option value="East Timor">East Timor</option>
<option value="Ecuador">Ecuador</option>
<option value="Egypt">Egypt</option>
<option value="El Salvador">El Salvador</option>
<option value="Equatorial Guinea">Equatorial Guinea</option>
<option value="Eritrea">Eritrea</option>
<option value="Estonia">Estonia</option>
<option value="Ethiopia">Ethiopia</option>
<option value="Falkland Islands">Falkland Islands</option>
<option value="Faroe Islands">Faroe Islands</option>
<option value="Fiji">Fiji</option>
<option value="Finland">Finland</option>
<option value="France">France</option>
<option value="French Guiana">French Guiana</option>
<option value="French Polynesia">French Polynesia</option>
<option value="French Southern Ter">French Southern Ter</option>
<option value="Gabon">Gabon</option>
<option value="Gambia">Gambia</option>
<option value="Georgia">Georgia</option>
<option value="Germany">Germany</option>
<option value="Ghana">Ghana</option>
<option value="Gibraltar">Gibraltar</option>
<option value="Great Britain">Great Britain</option>
<option value="Greece">Greece</option>
<option value="Greenland">Greenland</option>
<option value="Grenada">Grenada</option>
<option value="Guadeloupe">Guadeloupe</option>
<option value="Guam">Guam</option>
```

```
<option value="Guatemala">Guatemala</option>
<option value="Guinea">Guinea</option>
<option value="Guyana">Guyana</option>
<option value="Haiti">Haiti</option>
<option value="Hawaii">Hawaii</option>
<option value="Honduras">Honduras</option>
<option value="Hong Kong">Hong Kong</option>
<option value="Hungary">Hungary</option>
<option value="Iceland">Iceland</option>
<option value="Indonesia">Indonesia</option>

<option value="Iran">Iran</option>
<option value="Iraq">Iraq</option>
<option value="Ireland">Ireland</option>
<option value="Isle of Man">Isle of Man</option>
<option value="Israel">Israel</option>
<option value="Italy">Italy</option>
<option value="Jamaica">Jamaica</option>
<option value="Japan">Japan</option>
<option value="Jordan">Jordan</option>
<option value="Kazakhstan">Kazakhstan</option>
<option value="Kenya">Kenya</option>
<option value="Kiribati">Kiribati</option>
<option value="Korea North">Korea North</option>
<option value="Korea Sout">Korea South</option>
<option value="Kuwait">Kuwait</option>
<option value="Kyrgyzstan">Kyrgyzstan</option>
<option value="Laos">Laos</option>
<option value="Latvia">Latvia</option>
<option value="Lebanon">Lebanon</option>
<option value="Lesotho">Lesotho</option>
<option value="Liberia">Liberia</option>
<option value="Libya">Libya</option>
<option value="Liechtenstein">Liechtenstein</option>
<option value="Lithuania">Lithuania</option>
<option value="Luxembourg">Luxembourg</option>
<option value="Macau">Macau</option>
<option value="Macedonia">Macedonia</option>
<option value="Madagascar">Madagascar</option>
<option value="Malaysia">Malaysia</option>
<option value="Malawi">Malawi</option>
<option value="Maldives">Maldives</option>
<option value="Mali">Mali</option>
```

```
<option value="Malta">Malta</option>
<option value="Marshall Islands">Marshall Islands</option>
<option value="Martinique">Martinique</option>
<option value="Mauritania">Mauritania</option>
<option value="Mauritius">Mauritius</option>
<option value="Mayotte">Mayotte</option>
<option value="Mexico">Mexico</option>
<option value="Midway Islands">Midway Islands</option>
<option value="Moldova">Moldova</option>
<option value="Monaco">Monaco</option>
<option value="Mongolia">Mongolia</option>
<option value="Montserrat">Montserrat</option>
<option value="Morocco">Morocco</option>
<option value="Mozambique">Mozambique</option>
<option value="Myanmar">Myanmar</option>
<option value="Namibia">Namibia</option>
<option value="Nauru">Nauru</option>
<option value="Nepal">Nepal</option>
<option value="Netherland Antilles">Netherland Antilles</option>
<option value="Netherlands">Netherlands (Holland, Europe)</option>
<option value="Nevis">Nevis</option>
<option value="New Caledonia">New Caledonia</option>
<option value="New Zealand">New Zealand</option>
<option value="Nicaragua">Nicaragua</option>
<option value="Niger">Niger</option>
<option value="Nigeria">Nigeria</option>
<option value="Niue">Niue</option>
<option value="Norfolk Island">Norfolk Island</option>
<option value="Norway">Norway</option>
<option value="Oman">Oman</option>
<option value="Pakistan">Pakistan</option>
<option value="Palau Island">Palau Island</option>
<option value="Palestine">Palestine</option>
<option value="Panama">Panama</option>
<option value="Papua New Guinea">Papua New Guinea</option>
<option value="Paraguay">Paraguay</option>
<option value="Peru">Peru</option>
<option value="Phillipines">Philippines</option>
<option value="Pitcairn Island">Pitcairn Island</option>
<option value="Poland">Poland</option>
<option value="Portugal">Portugal</option>
<option value="Puerto Rico">Puerto Rico</option>
<option value="Qatar">Qatar</option>
<option value="Republic of Montenegro">Republic of Montenegro</option>
```

```
<option value="Republic of Serbia">Republic of Serbia</option>
<option value="Reunion">Reunion</option>
<option value="Romania">Romania</option>
<option value="Russia">Russia</option>
<option value="Rwanda">Rwanda</option>
<option value="St Barthelemy">St Barthelemy</option>
<option value="St Eustatius">St Eustatius</option>
<option value="St Helena">St Helena</option>
<option value="St Kitts-Nevis">St Kitts-Nevis</option>
<option value="St Lucia">St Lucia</option>
<option value="St Maarten">St Maarten</option>
<option value="St Pierre & Miquelon">St Pierre & Miquelon</option>
<option value="St Vincent & Grenadines">St Vincent & Grenadines</option>
<option value="Saipan">Saipan</option>
<option value="Samoa">Samoa</option>
<option value="Samoa American">Samoa American</option>
<option value="San Marino">San Marino</option>
<option value="Sao Tome & Principe">Sao Tome & Principe</option>
<option value="Saudi Arabia">Saudi Arabia</option>
<option value="Senegal">Senegal</option>
<option value="Seychelles">Seychelles</option>
<option value="Sierra Leone">Sierra Leone</option>
<option value="Singapore">Singapore</option>
<option value="Slovakia">Slovakia</option>
<option value="Slovenia">Slovenia</option>
<option value="Solomon Islands">Solomon Islands</option>
<option value="Somalia">Somalia</option>
<option value="South Africa">South Africa</option>
<option value="Spain">Spain</option>
<option value="Sri Lanka">Sri Lanka</option>
<option value="Sudan">Sudan</option>
<option value="Suriname">Suriname</option>
<option value="Swaziland">Swaziland</option>
<option value="Sweden">Sweden</option>
<option value="Switzerland">Switzerland</option>
<option value="Syria">Syria</option>
<option value="Tahiti">Tahiti</option>
<option value="Taiwan">Taiwan</option>
<option value="Tajikistan">Tajikistan</option>
<option value="Tanzania">Tanzania</option>
<option value="Thailand">Thailand</option>
<option value="Togo">Togo</option>
<option value="Tokelau">Tokelau</option>
<option value="Tonga">Tonga</option>
```

```
<option value="Trinidad & Tobago">Trinidad & Tobago</option>
<option value="Tunisia">Tunisia</option>
<option value="Turkey">Turkey</option>
<option value="Turkmenistan">Turkmenistan</option>
<option value="Turks & Caicos Is">Turks & Caicos Is</option>
<option value="Tuvalu">Tuvalu</option>
<option value="Uganda">Uganda</option>
<option value="United Kingdom">United Kingdom</option>
<option value="Ukraine">Ukraine</option>
<option value="United Arab Emirates">United Arab Emirates</option>
<option value="United States of America">United States of America</option>
<option value="Uruguay">Uruguay</option>
<option value="Uzbekistan">Uzbekistan</option>
<option value="Vanuatu">Vanuatu</option>
<option value="Vatican City State">Vatican City State</option>
<option value="Venezuela">Venezuela</option>
<option value="Vietnam">Vietnam</option>
<option value="Virgin Islands (Brit)">Virgin Islands (Brit)</option>
<option value="Virgin Islands (USA)">Virgin Islands (USA)</option>
<option value="Wake Island">Wake Island</option>
<option value="Wallis & Futana Is">Wallis & Futana Is</option>
<option value="Yemen">Yemen</option>
<option value="Zaire">Zaire</option>
<option value="Zambia">Zambia</option>
<option value="Zimbabwe">Zimbabwe</option>
</select><br><br>
```

```
<br>
```

```
<button type="submit" name="sign_up">Enter for Sign Up</button>
<?php
include("signup_user.php")
?>
```

```
<label>
    <input type="checkbox" checked="checked" name="remember"> Remember me
</label>
</div>
```

```
<div align="center" class="container" style="background-color:#f1f1f1">
```

```

<button type="reset" class="cancelbtn"><b> Reset</b></button>

</div>
</form>

</body>
<script type="text/javascript">
  $(".chosen").chosen();

</script>
</html>

```

Sign_up_user.php

<?php

```

$con=mysqli_connect('localhost','root','');
if(!$con)
{
    echo "Not Connect to server ";
}
if(!mysqli_select_db($con,'mychat'))
{
    echo "Data not Connected ";
}

if(isset($_POST['sign_up']))
{
    $name= $_POST['fname'];
    $lname= $_POST['lname'];
    $mail= $_POST['uname'];
    $pass= $_POST['psw'];
}

```

```

$contact= $_POST['cont'];
$date= $_POST['dob'];
$gender=$_POST['gen1'];
$country= $_POST['country'];

$insert="insert into users (First_name,Last_name,Email,Password,Contact,DOB,Gender,Country)
values ('$name',
'$lname','$mail','$pass',' $contact','$date','$gender','$country')";
$query=mysqli_query($con,$insert);

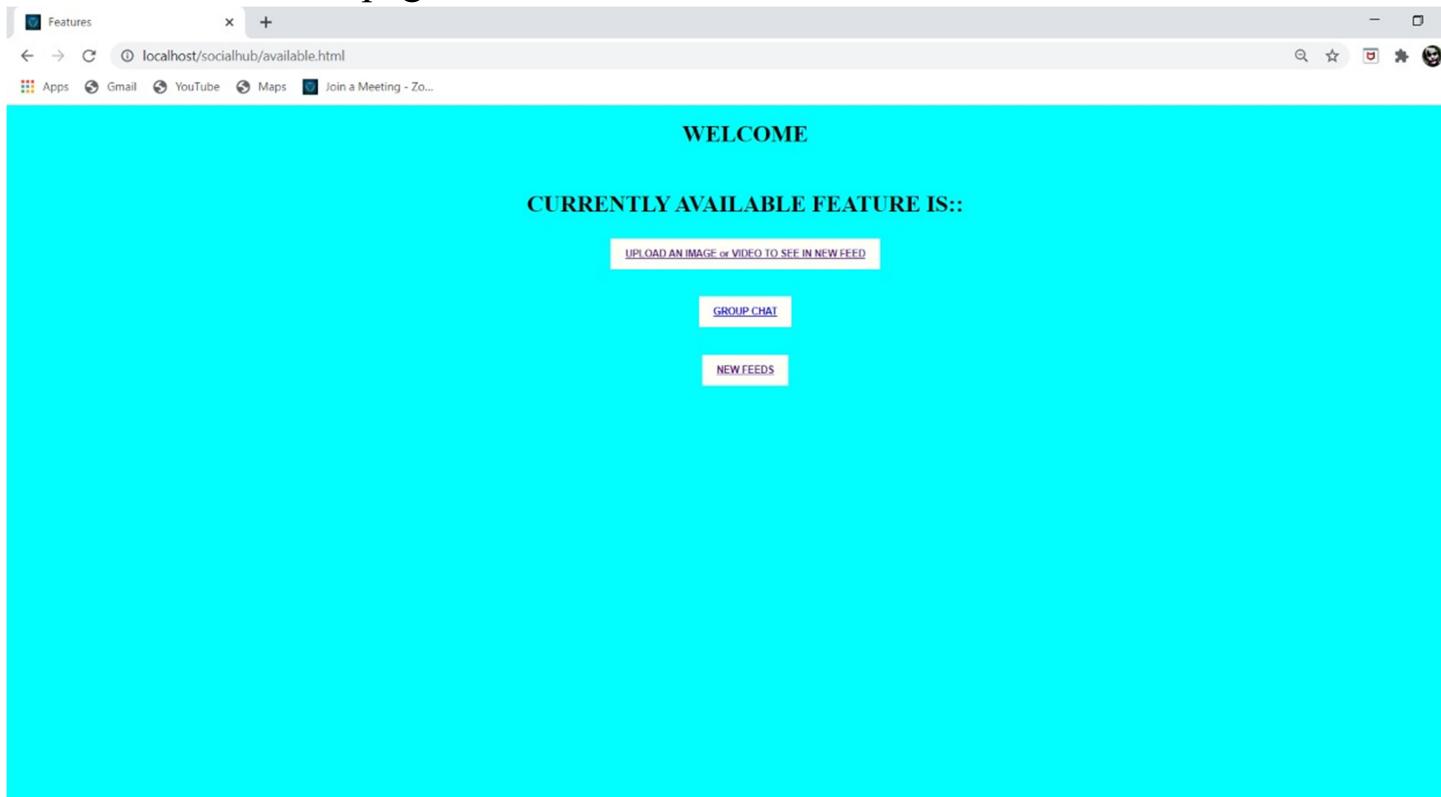
if ($query){
    echo"<script>alert('Congratulations $name, Your account has been created successfully')";
    echo "<script>window.open('sign_in.php','_self')</script>";
}
else{
    echo"<script>alert('Registration failed, Try again')";
    echo "<script>window.open('sign_up.php','_self')</script>";
}
?>

```

❖ Welcome page :-

A **welcome page** is usually one or more web pages or modal overlays that appear the first time you open an app. The best **welcome** pages direct a user's focus to the **welcome** message, while also orienting them to the product.

Social hub welcome page :-



Code :-

```
<!DOCTYPE
html>

<html LANG="EN">

    <head>
        <title>Features</title>
        <link rel="icon" href="image/icon.png" />
        <style>
            button {
                background-color: #ffffef7;
                color: gray;
                padding: 14px 20px;
                margin: 8px 0;
                border: none;
                cursor: pointer;
                width: auto;
            }
        </style>
    </head>
    <body>
        <h1>WELCOME</h1>
        <h2>CURRENTLY AVAILABLE FEATURE IS::</h2>
        <a href="#">UPLOAD AN IMAGE or VIDEO TO SEE IN NEW FEED</a>
        <button>GROUP CHAT</button>
        <button>NEW FEEDS</button>
    </body>
</html>
```

```

        }
    </style>
</head>

<body style="background-size:1000px 1500px;" BGCOLOR="aqua">
<h1 style="text-align: center">WELCOME</h1><br>
<h1 style="text-align: center">CURRENTLY AVAILABLE FEATURE IS:</h1>
<h1 style="text-align: center;"><button type="submit" name="login"><strong><a href="Upload.php">UPLOAD AN IMAGE TO SEE IN NEW FEED</a></strong></button></h1>
<h1 style="text-align: center;"><button type="submit" name="login"><strong><a href="grp_chat.php">GROUP CHAT</a></strong></button></h1>
<h1 style="text-align: center;"><button type="submit" name="login"><strong><a href="new_feed.php">NEW FEEDS</a></strong></button></h1>

</body>

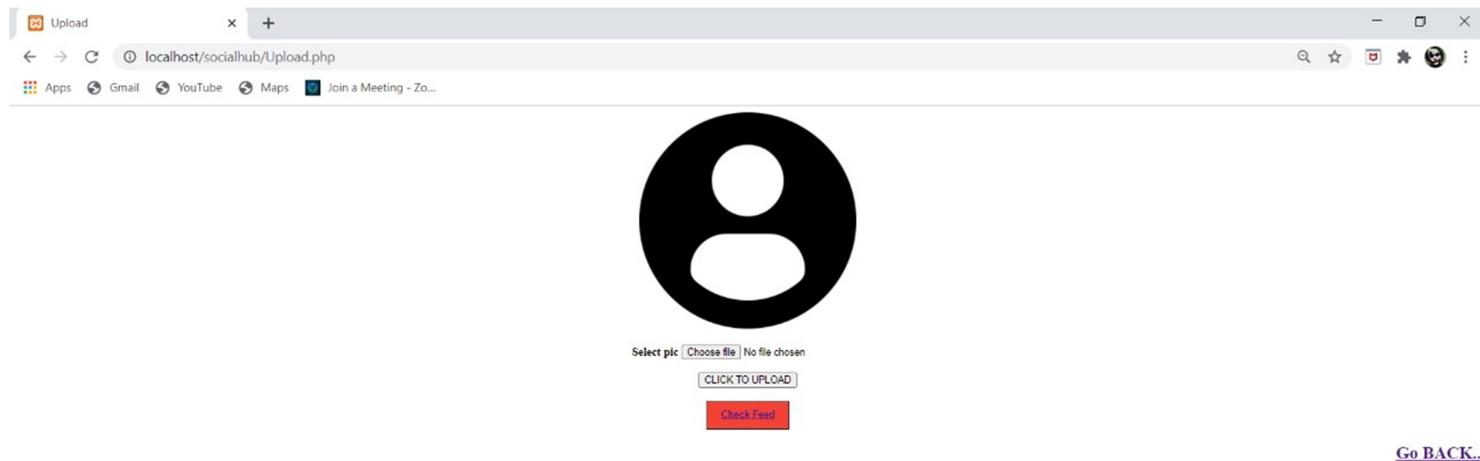
</html>

```

❖ User page :-

A profile is a place on social hub where you can share information about yourself, such as your photos. When someone uploads their profile pic, they can start seeing updates from that Page in their News Feed. To see an example of a Page, see the screenshot below.

User page in social hub :-



Code :-

```
<!DOCTYPE
html>

<html lang="en">
<head>
    <title>Upload</title>
    <link rel="stylesheet" type="text/css" href="css/upload.css">
</head>
<body>
<form action="" method="post" enctype="multipart/form-data">
<center></center><br>
<center> <label><b>Select pic</b></label>
<input type="file" name="images" ></center><br>
```

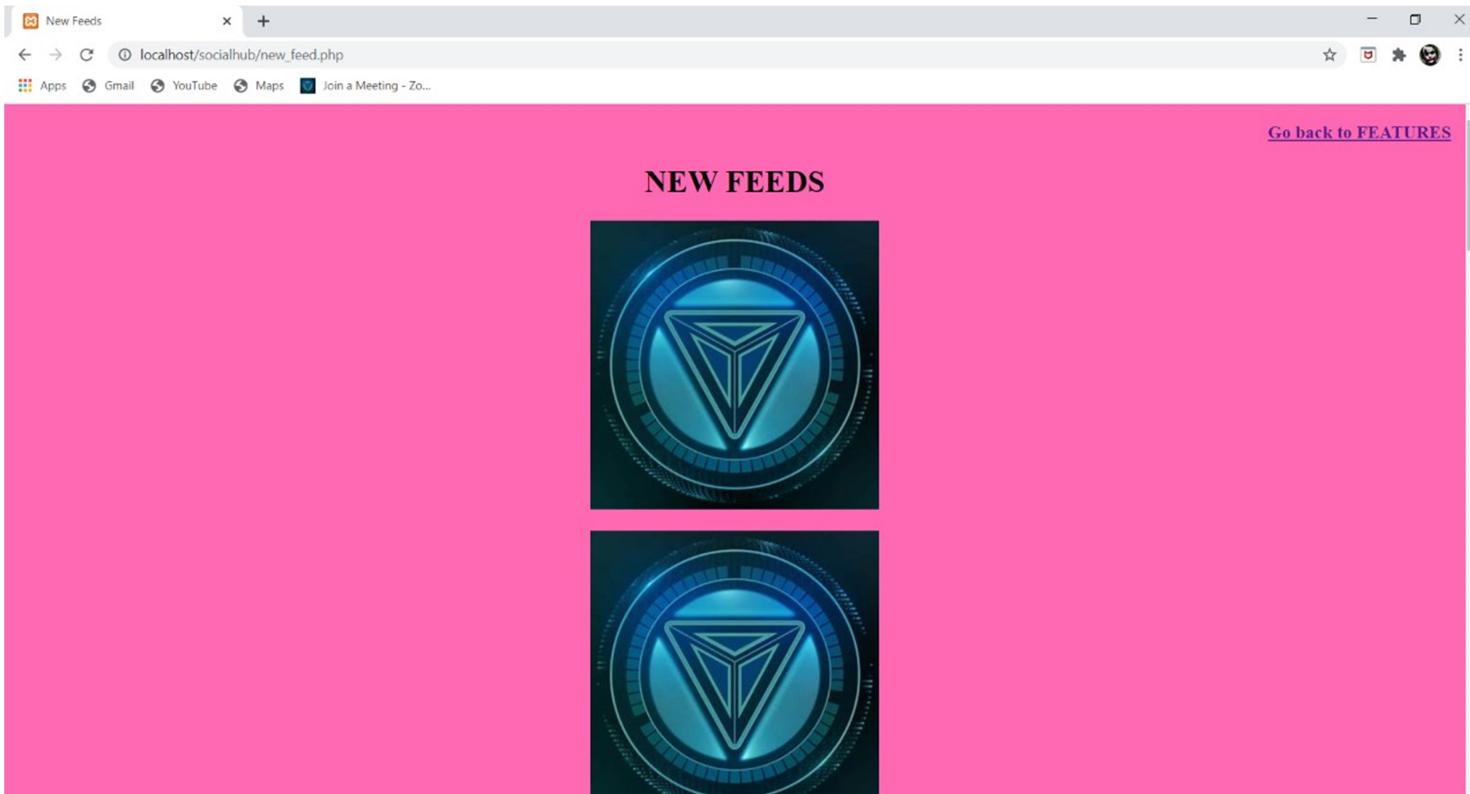
```
<center><button type="submit" name="signup">CLICK TO UPLOAD </button></center>
<br>

<center> <button type="submit" class="cancelbtn"><strong><a href="new_feed.php">Check
Feed</a> </strong></button></center>
<h2 style="color: #00fafa;text-align: right"><strong><a href="available.html">Go BACK..</a>
</strong>
<?php
include ("upload_img.php")
?>
</form>
</body>
</html>
```

❖ News feed :-

News Feed is the constantly updating list of stories in the middle of your home page. News Feed includes status updates, photos, videos, links, app activity and likes from people, Pages.... . Posts that you see first are influenced by your connections and activity on Social hub.

News feed page on social hub :-



Code :-

```
<!DOCTYPE
html>

<html lang="en">
<head>
    <title>New Feeds</title>
</head>
<body style="margin: 15px 15px 15px 15px; background-color: hotpink">
<h3 style="text-align: right;font-family: 'Times New Roman'"><a href="available.html"><strong>Go
back to FEATURES</strong></a></h3>
<h1 style="text-align: center;font-family: Algeria "><strong>NEW FEEDS</strong></h1>

<?php
session_start();
$con=mysqli_connect('localhost','root','');
if(!$con)
{
    echo "Not Connect to server ";
}
```

```

if(!mysqli_select_db($con,'mychat'))
{
    echo "Data not Connected ";
}
$res=mysqli_query($con,"select * from images");
while($row=mysqli_fetch_array($res))
{
    echo '<center></center><br>';

}
mysqli_close($con);
?>

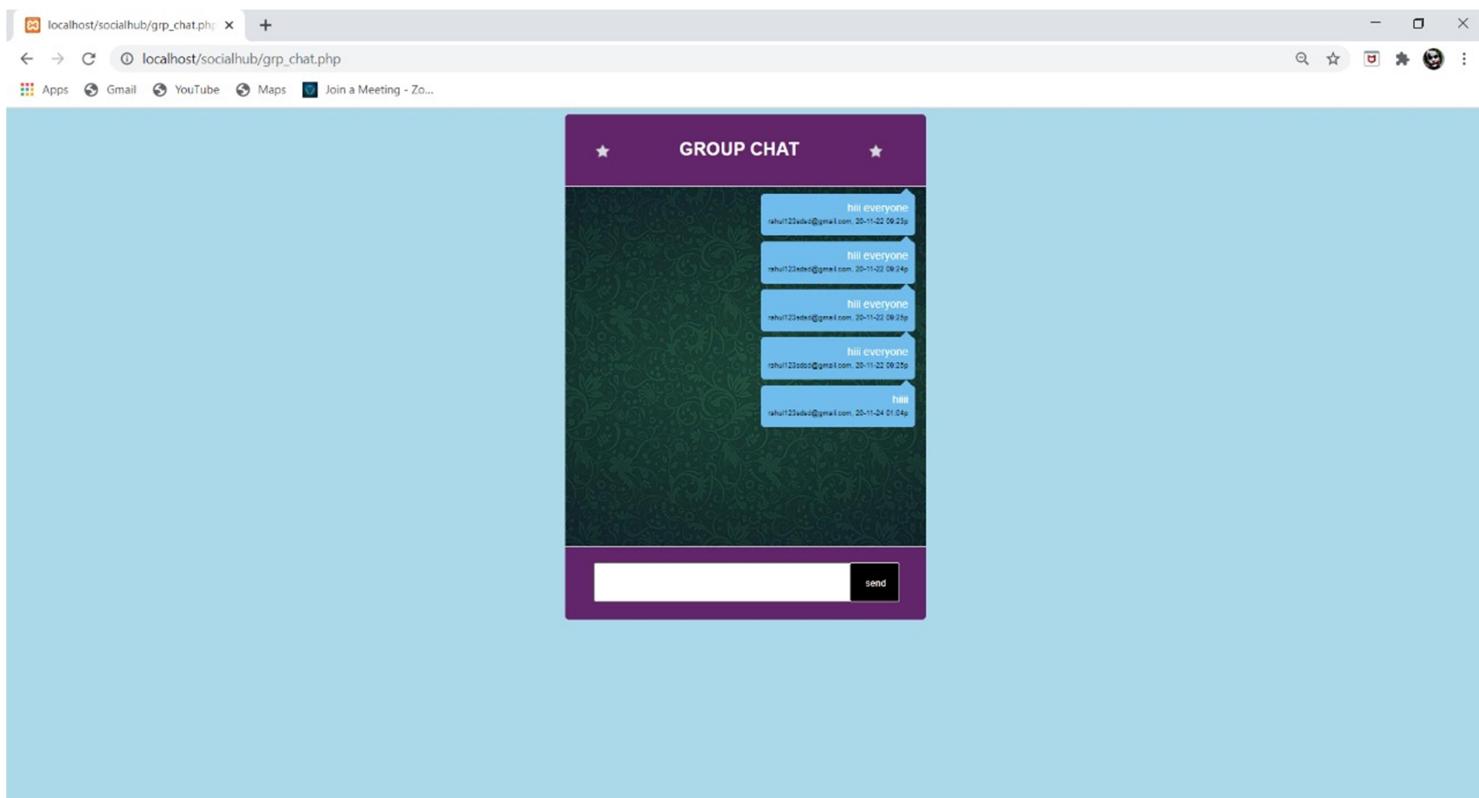
</body>
</html>

```

❖ Group chat :-

A chat room is a Web site, part of a Web site, or part of an online service such as Social hub,Facebook that provides a venue for communities of users with a common interest to communicate in real time.

Group chat in social hub:-



Code :-

```
<?php
```

```
if (isset($_POST['submit'])) {
    /* Attempt MySQL server connection. Assuming
    you are running MySQL server with default
    setting (user 'root' with no password) */
    $link = mysqli_connect("localhost",
        "root", "", "mychat");

    // Check connection
    if ($link === false) {
        die("ERROR: Could not connect.
            . mysqli_connect_error());
```

```

}

// Escape user inputs for security

$sql1="SELECT * FROM users";
$result=mysqli_query($link,$sql1) or die("Failed..") ;
$row=mysqli_fetch_assoc($result);
$un = $row['Email'];
$m = mysqli_real_escape_string(
    $link, $_REQUEST['msg']);
date_default_timezone_set('Asia/Kolkata');
$ts = date('y-m-d h:ia');

// Attempt insert query execution
$sql = "INSERT INTO chats (uname, msg, dt)
        VALUES ('$un', '$m', '$ts')";
if (mysqli_query($link, $sql)) {
    ;
} else {
    echo "ERROR: Message not sent!!!";
}
// Close connection
mysqli_close($link);

}

?>
<html>
<head>
<style>
*{
    box-sizing:border-box;
}
body{
    background-color:#abd9e9;
    font-family:Arial;
}
#container{
    width:500px;
    height:700px;
    background:white;

```

```
    margin:0 auto;
    font-size:0;
    border-radius:5px;
    overflow:hidden;
}
main{
    width:500px;
    height:700px;
    display:inline-block;
    font-size:15px;
    vertical-align:top;
}
main header{
    height:100px;
    padding:30px 20px 30px 40px;
    background-color:#622569;
}
main header > *{
    display:inline-block;
    vertical-align:top;
}
main header img:first-child{
    width:24px;
    margin-top:8px;
}
main header img:last-child{
    width:24px;
    margin-top:8px;
}
main header div{
    margin-left:90px;
    margin-right:90px;
}
main header h2{
    font-size:25px;
    margin-top:5px;
    text-align:center;
    color:#FFFFFF;
}
main .inner_div{
    padding-left:0;
    margin:0;
    list-style-type:none;
    position:relative;
```

```
        overflow:auto;
        height:500px;
        background-image:url(
            https://media.geeksforgeeks.org/wp-content/cdn-
uploads/20200911064223/bg.jpg);
        background-position:center;
        background-repeat:no-repeat;
        background-size:cover;
        position: relative;
        border-top:2px solid #fff;
        border-bottom:2px solid #fff;

    }

main .triangle{
    width: 0;
    height: 0;
    border-style: solid;
    border-width: 0 8px 8px 8px;
    border-color: transparent transparent
#58b666 transparent;
    margin-left:20px;
    clear:both;
}

main .message{
    padding:10px;
    color:#000;
    margin-left:15px;
    background-color:#58b666;
    line-height:20px;
    max-width:90%;
    display:inline-block;
    text-align:left;
    border-radius:5px;
    clear:both;
}

main .triangle1{
    width: 0;
    height: 0;
    border-style: solid;
    border-width: 0 8px 8px 8px;
    border-color: transparent
transparent #6fbced transparent;
    margin-right:20px;
```

```
    float:right;
    clear:both;
}
main .message1{
    padding:10px;
    color:#000;
    margin-right:15px;
    background-color:#6fbced;
    line-height:20px;
    max-width:90%;
    display:inline-block;
    text-align:left;
    border-radius:5px;
    float:right;
    clear:both;
}

main footer{
    height:150px;
    padding:20px 30px 10px 20px;
    background-color:#622569;
}
main footer .input1{
    resize:none;

    display:block;
    width:120%;
    height:55px;
    border-radius:3px;
    padding:20px;
    font-size:13px;
    margin-bottom:13px;
}
main footer textarea{
    resize:none;

    display:block;
    width:140%;
    height:55px;
    border-radius:3px;
    padding:10px;
```

```
        font-size:13px;
        margin-bottom:13px;
        margin-left:15px;
    }
main footer .input2{
    resize:none;

    display:block;
    width:40%;
    height:55px;
    border-radius:3px;
    padding:20px;
    font-size:13px;
    margin-bottom:13px;
    margin-left:100px;
    color:white;
    text-align:left;
    background-color:black;
    border: 2px solid white;
}
}

main footer textarea::placeholder{
    color:#ddd;
}

</style>
<body onload="show_func()">
<div id="container">
    <main>
        <header>
            
            <div>
                <h2> GROUP CHAT</h2>
            </div>
            
        </header>

        <script>
            function show_func(){

```

```
        var element = document.getElementById("chathist");
        element.scrollTop = element.scrollHeight;

    }
</script>

<form id="myform" action="grp_chat.php" method="POST" >
    <div class="inner_div" id="chathist">
        <?php

$host = "localhost";
$user = "root";
$pass = "";
$db_name = "mychat";
$con = new mysqli($host, $user, $pass, $db_name);

$query = "SELECT * FROM chats";
$run = $con->query($query);
$i=0;

while($row = $run->fetch_array()) :
    if($i==0){
        $i=5;
        $first=$row;
    }
    <div id="triangle1" class="triangle1"></div>
    <div id="message1" class="message1">
<span style="color:white;float:right;">
<?php echo $row['msg']; ?></span> <br/>
                <div>
<span style="color:black;float:left;
font-size:10px;clear:both;">
                <?php echo $row['uname']; ?>,
                <?php echo $row['dt']; ?>
</span>
                </div>
            </div>
        </div>
    </div>
</?php>
```

```

<br/><br/>
<?php
}
else
{
    if($row['uname']!=$first['uname'])
    {
        ?>
        <div id="triangle" class="triangle"></div>
        <div id="message" class="message">
<span style="color:white;float:left;">
<?php echo $row['msg']; ?>
</span> <br/>
                <div>
<span style="color:black;float:right;
            font-size:10px;clear:both;">
<?php echo $row['uname']; ?>,
            <?php echo $row['dt']; ?>
</span>
                </div>
            </div>
            <br/><br/>
            <?php
}
else
{
    ?>
    <div id="triangle1" class="triangle1"></div>
    <div id="message1" class="message1">
<span style="color:white;float:right;">
<?php echo $row['msg']; ?>
</span> <br/>
                <div>
<span style="color:black;float:left;
            font-size:10px;clear:both;">
<?php echo $row['uname']; ?>,
            <?php echo $row['dt']; ?>
</span>
                </div>
            </div>
            <br/><br/>
            <?php
}
}

```

```
        endwhile;
    ?>
</div>
<footer>
    <table>
        <tr>
            <th>
                <!--<input class="input1" type="text"
                    id="uname" name="uname"
                    placeholder="From" autocomplete="off">-->
            </th>
            <th>
                <textarea id="msg" name="msg"
                    rows='3' cols='50'
                    placeholder="Type your message" autocomplete="off">
                </textarea></th>
            <th>
                <input class="input2" type="submit"
                    id="submit" name="submit" value="send">
            </th>
        </tr>
    </table>
</footer>
</form>
</main>
</div>

</body>
</html>
```

Chat message Database:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'mychat'. The left sidebar lists databases like 'information_schema', 'mychat', 'mysql', etc. The 'chats' table under 'mychat' is selected. The main area displays the results of a SQL query: 'SELECT * FROM `chats`;'. The results show four rows of data with columns 'uname', 'msg', and 'dt'. The data is as follows:

uname	msg	dt
rahul123sd@gmail.com	hi everyone	20-11-22 09:23p
rahul123sd@gmail.com	hi everyone	20-11-22 09:24p
rahul123sd@gmail.com	hi everyone	20-11-22 09:25p
rahul123sd@gmail.com	hi everyone	20-11-22 09:25p
rahul123sd@gmail.com	hiii	20-11-24 01:04p

Below the results, there are 'Query results operations' buttons: Print, Copy to clipboard, Export, Display chart, and Create view.

New Feed Database:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'mychat'. The left sidebar lists databases like 'information_schema', 'mychat', 'mysql', etc. The 'mychat' database is selected, and its tables are listed: 'chats', 'images', 'users', and 'users_chat'. The 'images' table is currently selected, showing 11 rows of data.

Table Structure:

Id	pic
4	[BLOB - 14 6 KiB]
5	[BLOB - 14 6 KiB]
7	[BLOB - 64 0 KiB]
8	[BLOB - 64 0 KiB]
9	[BLOB - 64 0 KiB]
10	[BLOB - 64 0 KiB]
11	[BLOB - 64 0 KiB]
12	[BLOB - 64 0 KiB]
13	[BLOB - 64 0 KiB]
14	[BLOB - 64 0 KiB]
15	[BLOB - 64 0 KiB]

SQL Query:

```
SELECT * FROM `images`
```

Operations:

- Check all
- With selected
- Edit
- Copy
- Delete
- Export

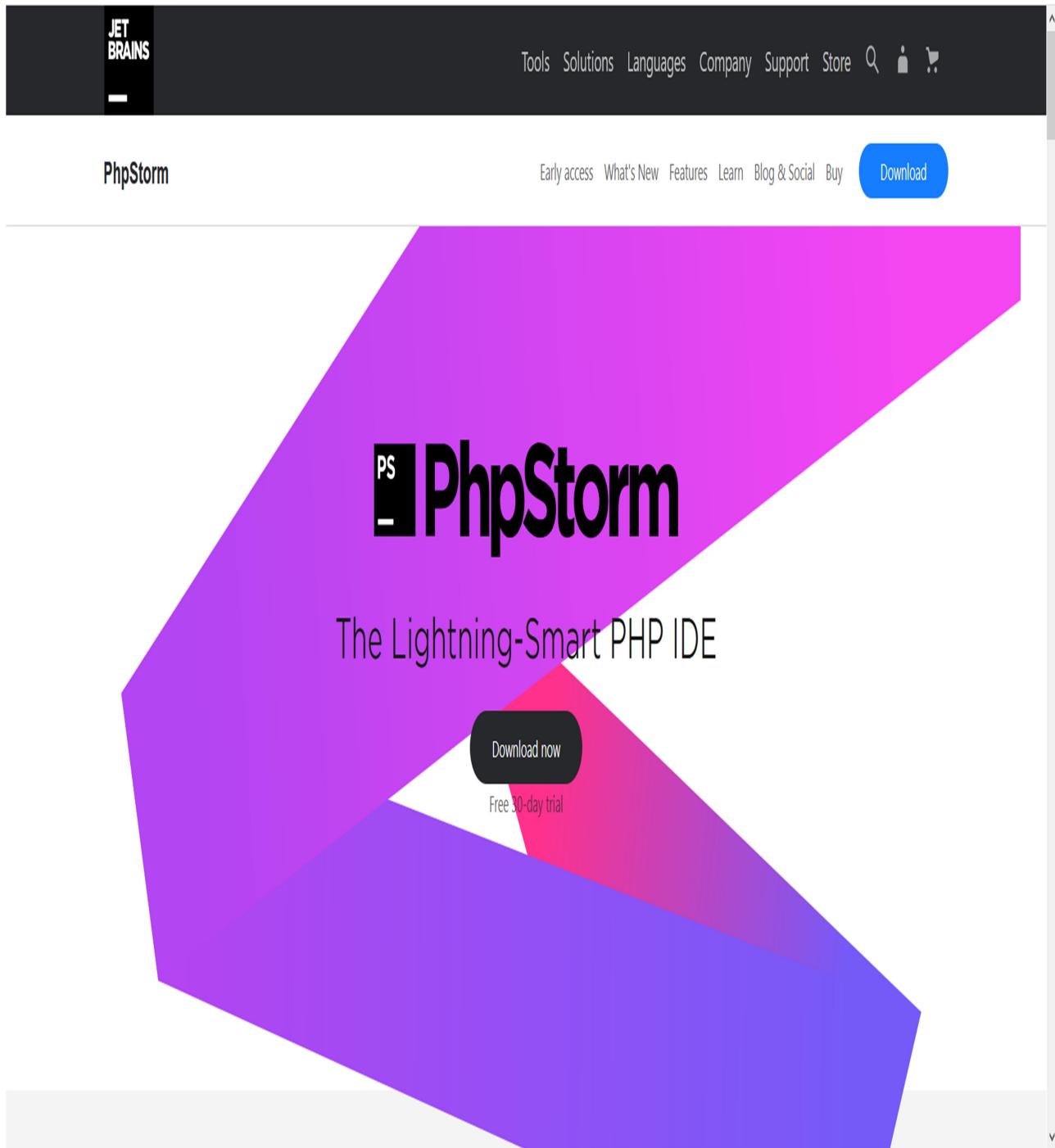
Users Database:

The screenshot shows the phpMyAdmin interface for a MySQL database named 'mychat'. The left sidebar lists databases like 'information_schema', 'mysql', 'performance_schema', 'phpmyadmin', 'test', and 'user_input'. The 'users' table under the 'mychat' database is selected. The main area displays the table structure with columns: user_id, First_name, Last_name, Email, Password, Contact, DOB, Gender, Country, Profile, Forgotten_answer, and sign_in. There are six rows of data, each with edit, copy, and delete options. Below the table, there are buttons for 'Check all', 'With selected...', 'Edit', 'Copy', 'Delete', 'Export', and 'Query results operations' (Print, Copy to clipboard, Export, Display chart, Create view). At the bottom, there's a 'Console' tab.

user_id	First_name	Last_name	Email	Password	Contact	DOB	Gender	Country	Profile	Forgotten_answer	sign_in
2	sharma123sd	sdadada	rahul123sd@gmail.com	12345678	1234567891	2020-11-09	on	0	NULL		online
4	rahul	sharma2	rahul123@gmail.com	23456789	1234567891	2020-11-04	on	0	NULL		
5	rahul	sharma2	rahul123@gmail.com	23456789	1234567891	2020-11-04	on	0	NULL		
6	Rahul	Sharma3	rs12@gmail.com	1234567890	3465780921	2020-11-01	on	0	NULL		

Tools Used :

Php storm:



PHP my admin: MariaDB database

The screenshot shows the phpMyAdmin interface for a MariaDB database on a local server at 127.0.0.1. The left sidebar lists databases: New, information_schema, mychat, mysql, performance_schema, phpmyadmin, test, and user_input. The main content area has three tabs: General settings, Appearance settings, and Database server.

General settings: Server connection collation is set to utf8mb4_unicode_ci. There is a "More settings" link.

Appearance settings: Language is set to English, and the theme is pmahomme.

Database server:

- Server: 127.0.0.1 via TCP/IP
- Server type: MariaDB
- Server connection: SSL is not being used
- Server version: 10.4.13-MariaDB - mariadb.org binary distribution
- Protocol version: 10
- User: root@localhost
- Server charset: UTF-8 Unicode (utf8mb4)

Web server:

- Apache/2.4.43 (Win64) OpenSSL/1.1.1g PHP/7.2.32
- Database client version: libmysql - mysqlnd 5.0.12-dev - 20150407 - \$Id: 3591daad22de08524295e1bd073aceeff11e6579 \$
- PHP extension: mysqli curl mbstring
- PHP version: 7.2.32

phpMyAdmin:

- Version information: 5.0.2, latest stable version: 5.0.4
- [Documentation](#)
- [Official Homepage](#)
- [Contribute](#)
- [Get support](#)
- [List of changes](#)
- [License](#)

At the bottom left is a "Console" button.

XAMP:LOCAL HOST



Welcome to XAMPP for Windows 7.2.32

You have successfully installed XAMPP on this system! Now you can start using Apache, MariaDB, PHP and other components. You can find more info in the [FAQs](#) section or check the [HOW-TO Guides](#) for getting started with PHP applications.

XAMPP is meant only for development purposes. It has certain configuration settings that make it easy to develop locally but that are insecure if you want to have your installation accessible to others. If you want have your XAMPP accessible from the internet, make sure you understand the implications and you checked the [FAQs](#) to learn how to protect your site. Alternatively you can use [WAMP](#), [MAMP](#) or [LAMP](#) which are similar packages which are more suitable for production.

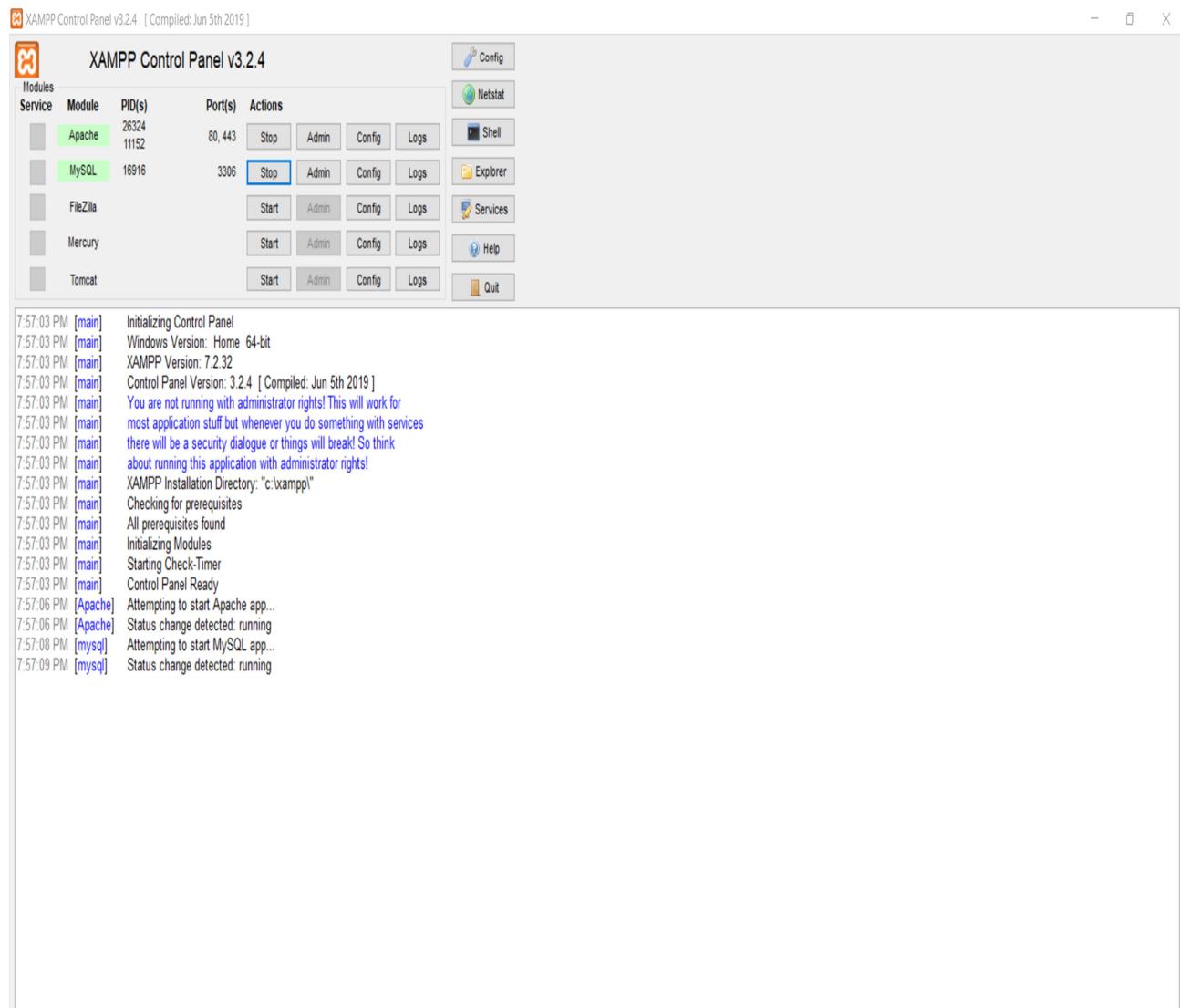
Start the XAMPP Control Panel to check the server status.

Community

XAMPP has been around for more than 10 years – there is a huge community behind it. You can get involved by joining our [Forums](#), adding yourself to the [Mailing List](#), and liking us on [Facebook](#), following our exploits on [Twitter](#), or adding us to your [Google+](#) circles.

Contribute to XAMPP translation at translate.apachefriends.org.

XAMPP CONTROL PANNEL:



REFERENCES:

- Book References
 - A Guide to HTML5 and CSS3
- Web Links
 - <https://www.w3schools.com/>
 - <https://www.javatpoint.com/>
 - <https://www.youtube.com/>
 - <https://www.guru99.com/web-application-testing.html>

**THANK YOU FOR
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