Web Chat

Online Gossip and Chatting Site

* **INTRODUCTION**

Web chat is a free online chat website that allows users to connect with others.

That web site in many users can chat at a time and they can upload file.

Front-end : HTML , CSS , JavaScript

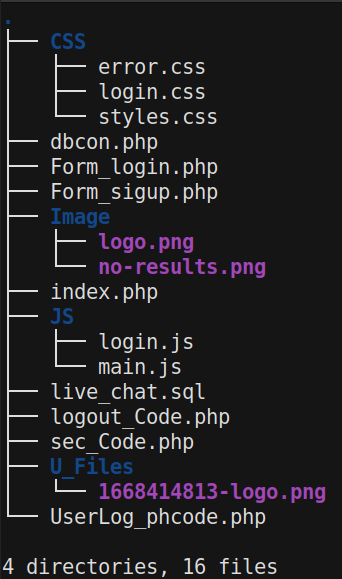
Back-end : PHP , MYSQL

Editor : Visual Studio Code

Icons : Bootstrap

Software : Xampp

* **File Structure**



**dbcon.php**

That file in code for connect to database server.

<?php

$conn = mysqli\_connect("localhost", "root", "", "live\_chat");

if (!$conn) {

die("DataBaseecho");

}

?>

**Logout\_code.php**

That file in code for destroy current session when user click log out button?

<?php

session\_start();

if(isset($\_POST['Log\_Out'])){

session\_destroy();

unset($\_SESSION['User\_N']);

header('location: Form\_login.php');

}

?>

**Sec\_Code.php**

That file for security perpose . In this file code mange both Site session and database connection. When session is not set than user redirect to login page.

<?php

include("dbcon.php");

?>

<?php

if (!$\_SESSION['User\_N']) {

header("location: Form\_login.php");

}

?>

**Main.js**

That file in jQuery code. That file in show / hide of input box.

When user click pdf icon than show file upload box and uploading file And hide chat box and when click chat box icon than show chat box and hide file upload box. And **#option** id is use for hide / show pdf and chat icons.

$(document).ready(function () {

$('#option').click(function () {

$('#chat\_B').slideToggle(500);

$('#pdf\_B').slideToggle(800);

});

$('#chat\_B').click(function () {

$('.opt').hide(500);

$('#file\_input').hide();

$('#ChatsBox').show(100);

});

$('#pdf\_B').click(function () {

$('.opt').hide(500);

$('#ChatsBox').hide();

$('#file\_input').show(100);

});

});

**Login.js**

That file is use for show and hide password in login and signup page

var ShowHide = document.getElementById("show\_hide\_password");

var User\_password = document.getElementById("Upassword");

// password show hide

ShowHide.addEventListener("click",function(){

if (User\_password.type== "password") {

User\_password.type = "teUser\_password\_valuet";

ShowHide.classList.remove("bi-eye-fill");

ShowHide.classList.add("bi-eye-slash-fill");

}else{

User\_password.type = "password";

ShowHide.classList.remove("bi-eye-slash-fill");

ShowHide.classList.add("bi-eye-fill");

}

});

// hide show icon

User\_password.addEventListener("keyup",function(){

var User\_password\_value = document.getElementById("Upassword").value;

if (User\_password\_value.length < 1) {

document.getElementById("show\_hide\_password").style.display = "none";

}else{

document.getElementById("show\_hide\_password").style.display = "block";

}

})

**UserLog\_phcode.php**

that file use for display error When user login and sign up not valid.

When user login and user are enter wrong detail like not user name and password display error and if user are valid than redirect index.php file and start session.

When user sign up and user are enter detail like not user name and email if that detail exists in database than display error else redirect login page.

<?php

include "dbcon.php";

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta http-equiv="X-UA-Compatible" content="IE=edge">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="CSS/error.css">

<link rel="icon" href="Image/lgog.png">

</head>

<?php

$User\_Name\_Used = false;

$User\_Email\_Used = false;

$User\_Not\_Found = false;

?>

<!-- Sign up start-->

<?php

if (isset($\_POST['U\_Signup'])) {

$select\_User\_Q = "SELECT \* FROM user\_table WHERE UNAME = '$\_POST[U\_name]'";

$select\_user\_Result = mysqli\_query($Db\_con, $select\_User\_Q);

$select\_Email\_Q = "SELECT \* FROM user\_table WHERE UEMAIL = '$\_POST[U\_email]'";

$select\_email\_Result = mysqli\_query($Db\_con, $select\_Email\_Q);

if (mysqli\_num\_rows($select\_user\_Result) > 0) {

$User\_Name\_Used = true;

} elseif (mysqli\_num\_rows($select\_email\_Result) > 0) {

$User\_Email\_Used = true;

} else {

$inser\_pending\_Q = "INSERT INTO user\_table (UNAME, UPASSWORD, UEMAIL) VALUES ('$\_POST[U\_name]','$\_POST[U\_password]','$\_POST[U\_email]')";

$result\_inser = mysqli\_query($conn, $inser\_pending\_Q);

if ($result\_inser) {

header("location: Form\_login.php");

}

}

}

?>

<!-- end sign up -->

<!-- login start -->

<?php

if (isset($\_POST['U\_Login'])) {

$log\_select\_Q = "SELECT \* FROM user\_table WHERE UNAME = '$\_POST[U\_name]' AND UPASSWORD = '$\_POST[U\_password]'";

$log\_select\_Result = mysqli\_query($conn, $log\_select\_Q);

$log\_stutas\_res = mysqli\_fetch\_assoc($log\_select\_Result);

if ($log\_stutas\_res == 0) {

$User\_Not\_Found = true;

} else {

session\_start();

$\_SESSION['User\_N'] = $\_POST['U\_name'];

header("location:index.php");

}

}

?>

<!-- login end -->

<body>

<div class="container">

<div class="main">

<!-- Erorr list -->

<?php

if ($User\_Name\_Used) {

echo '

<div class="top">

<h1>Sign Up Faild <i class="bi bi-person-x-fill"></i></h1>

</div>

<div class="box detail">

<h2> <span> ' . $\_POST['U\_name'] . '</span> User Name is Alredy Use. Please Enter different <span> User Name</span>.</h2>

</div>

<a href="Form\_sigup.php" class="Button"> Re Sign Up <i class="bi bi-arrow-right-short"></i></a>

';

} elseif ($User\_Email\_Used) {

echo '

<div class="top">

<h1>Sign Up Faild <i class="bi bi-envelope-exclamation"></i></h1>

</div>

<div class="box detail">

<h2> Enter <i class="bi bi-envelope"></i> <span> ' . $\_POST['U\_email'] . ' </span> Email Address is Alredy Use. Please Enter different <span> Email Address</span>.</h2>

</div>

<a href="Form\_sigup.php" class="Button"> Re Sign Up <i class="bi bi-arrow-right-short"></i></a>

';

} elseif ($User\_Not\_Found) {

echo '

<div class="top">

<h1>User Not Found </h1>

<img src="Image/no-results.png">

</div>

<div class="box detail">

<h2> Your User Name or Password <span>Not Match</span> Please Check.</h2>

</div>

<a href="Form\_login.php" class="Button red"> Re Log in</a>

';

}else {

echo "<h1> Bad Request </h1>";

}

?>

</div>

</div>

</body>

**Index.php**

that is main page for web chat. That in page in user chatting and upload file. This file in define css , jquery , icon cdn link in <head> that link required see design and icons.

<?php

session\_start();

Include("dbcon.php");

//include("sec\_code.php");

?>

<!DOCTYPE html>

<html lang="en">

<head>

<title>Web Chat</title>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap-icons@1.8.1/font/bootstrap-icons.css">

<link rel="icon" href="Image/logo.png">

<link rel="stylesheet" href="CSS/styles.css">

<script src="https://code.jquery.com/jquery-3.6.0.js"></script>

<script src="JS/main.js"></script>

</head>

<body onload="focusIn()">

<div class="header">

<div class="main">

<div class="top">

<div class="top1">

<span> <a href="https://henil.rf.gd/Live\_Chat/" class="logo">Web Chat </a></span>

<h3 class="live\_User"> Welcome <span class="live\_U"> <?php if (isset($\_SESSION['User\_N'])) {

$live\_U = $\_SESSION['User\_N'];

echo $live\_U;

} else {

echo "Guest";

} ?></span> </h3>

</div>

<div class="top2">

<a href="whatsapp://send?text=Join With Me for Live Chatting https://henil.rf.gd/Web\_Chat/ Come Fast." class="invite\_a bi bi-whatsapp" title="Send To What's app"></a>

<a class="bi bi-arrow-clockwise" href="index.php" id="ref"></a>

<?php if (isset($\_SESSION['User\_N'])) {

?>

<form action="logout\_Code.php" method="post" class="log\_Form">

<button name="Log\_Out" type="submit" class='login\_log'>Log out</button>

</form>

<?php

} else {

?>

<a href="Form\_login.php" name="Log\_Out" type="submit" class='login\_log'>Log in</a>

<?php

}

?>

</div>

</div>

<div class="chats" id="chat\_s">

<?php

date\_default\_timezone\_set("Asia/Calcutta");

$time\_C = date('d-M-Y g:i a');

if (isset($\_POST['Done'])) {

$file = $\_FILES["file"]["name"];

$FiD\_Name = time() . $\_FILES["file"]["name"];

$cha = str\_ireplace("<", "&lt;", $\_POST['chat\_u']);

$chat = base64\_encode($cha);

if (move\_uploaded\_file($\_FILES["file"]["tmp\_name"], "U\_Files/" . $FiD\_Name)) {

header("Location: index.php");

}

$in = "insert into message (User\_Name,Message,file,File\_Name,Time\_Stamps) values ('$live\_U','$chat','$FiD\_Name','$file','$time\_C')";

mysqli\_query($conn, $in);

}

$select = "SELECT \* FROM message";

$result = mysqli\_query($conn, $select);

while ($r = mysqli\_fetch\_array($result)) {

echo " <div class='message'>

<div class='user'>

<span> " . $r['User\_Name'] . "</span>

</div>

<div class='userchat'>

<span >" . base64\_decode($r['Message']) . " </span>

<span > <a target='\_blank' class='hiper' href='U\_Files/" . $r['file'] . "'>" . $r['File\_Name'] . " </a></span>

</div>

<div class='time'>

<span>" . $r['Time\_Stamps'] . "</span>

</div>

</div> ";

}

?>

<p id="HP"></p>

</div>

<div class="optionB">

<label for="file\_input" class="bi bi-file-earmark-plus opt" id="pdf\_B"></label>

<span class="bi bi-chat-dots opt" id="chat\_B"></span>

</div>

<div class="bottom">

<?php

if (isset($\_SESSION['User\_N'])) {

?>

<div id="chat\_in">

<form method="POST" enctype="multipart/form-data" class="form">

<span class="bi bi-link-45deg" id="option"></span>

<input type="text" class="input" id="ChatsBox" name="chat\_u" autocomplete="off" placeholder="Type Message" title="Type Message">

<input type='file' class='file\_in none' id='file\_input' name='file' >

<button class="send bi bi-send" name="Done"> </button>

</form>

</div>

<?php

} else {

?>

<script>

setInterval(() => {

location.href = "Form\_login.php";

}, 5000)

</script>

<div class="SignUp">

<h1>Start Live Chat <a href="Form\_sigup.php" class="login">Sign up</a> </h1>

</div>

<?php

}

?>

</div>

</div>

</div>

</body>

</html>

<script>

function focusIn() {

window.location = "index.php#HP";

document.getElementById("ChatsBox").focus();

}

</script>

**Form\_Login.php**

when user login than page is redirect to UserLog\_phcode.php file for check user are valid or not.

<!DOCTYPE html>

<html lang="en">

<head>

<meta name="viewport" content="width=device-width,initial-scale=1,maximum-scale=1,user-scalable=no" />

<title> Log in | Henil Code</title>

<link rel="stylesheet" href="CSS/login.css">

<link rel="icon" href="Image/logo.png">

</head>

<body>

<div class="main">

<div class="box">

<div class="header">

<img src="Image/logo.png" alt="not load">

<div class="h-data">

<a href="https://henil.rf.gd/Web\_Chat/" class="logo\_name">Henil Codes</a>

<h5>Welcome back!</h5>

</div>

</div>

<div class="infor">

<form autocomplete="off" action="UserLog\_phcode.php" method="post">

<div class="input\_box">

<span class="TagIn">User name</span>

<input type="text" name="U\_name" class="input" placeholder="type username" id="user" required

title="User Name">

</div>

<div class="input\_box">

<span class="TagIn">password</span>

<div class="passwor">

<input type="password" name="U\_password" class="inputx" placeholder="type Password" id="Upassword" required

title="Password">

<span class="bi bi-eye-fill" id="show\_hide\_password"></span>

</div>

</div>

<button class="Log\_Button" type="submit" id="login" name="U\_Login">Log in</button>

</form>

</div>

<div class="or">

<div class="desd"></div>

<span class="osr">OR</span>

<div class="desd"></div>

</div>

<div class="box1\_bottm">

<span class="crea">Don't have an account?</span> <a href="Form\_sigup.php" class="sign\_up"> Sign up</a>

</div>

</div>

<!-- <div class="box box2 Visible-hide">

<a href="" class="forget"><i class="bi bi-arrow-right"></i> Forgot password? </a>

</div> -->

<div class="Footer">

<span>&copy; 2022 <a href="https://henilcodes.github.io/PH/"> Henil Code</a> </span>

</div>

</body>

<script src="JS/login.js"></script>

</html>

**Form\_Signup.php**

when user signup than page is redirect to UserLog\_phcode.php file for check user are exists or not.

<!DOCTYPE html>

<html lang="en">

<head>

<meta name="viewport" content="width=device-width,initial-scale=1,maximum-scale=1,user-scalable=no" />

<title> Sign Up | Henil Code</title>

<link rel="stylesheet" href="CSS/login.css">

<link rel="icon" href="Image/logo.png">

</head>

<body>

<div class="main">

<div class="box">

<div class="header">

<img src="Image/logo.png" alt="not load">

<div class="h-data">

<a href="https://henil.rf.gd/Web\_Chat/" class="logo\_name">Henil Codes</a>

<h5>Create Account</h5>

</div>

</div>

<div class="infor">

<form autocomplete="off" action="UserLog\_phcode.php" method="post">

<div class="input\_box">

<span class="TagIn">User name</span>

<input type="text" name="U\_name" class="input" placeholder="type username" id="user" required

title="User Name">

</div>

<div class="input\_box">

<span class="TagIn">Email Address</span>

<input type="email" name="U\_email" class="input" placeholder="type email" id="Uemail" required

title="Email Address">

</div>

<div class="input\_box">

<span class="TagIn">password</span>

<div class="passwor">

<input type="password" name="U\_password" class="inputx" placeholder="type Password"

id="Upassword" required title="Password">

<span class="bi bi-eye-fill" id="show\_hide\_password"></span>

</div>

</div>

<button class="Log\_Button" type="submit" id="login" name="U\_Signup">Sign Up</button>

</form>

</div>

<div class="or">

<div class="desd"></div>

<span class="osr">OR</span>

<div class="desd"></div>

</div>

<div class="box1\_bottm">

<span class="crea">Have an account?</span> <a href="Form\_login.php" class="sign\_up"> Log In</a>

</div>

</div>

<div class="Footer">

<span>© 2022 <a href="https://henilcodes.github.io/PH/"> Henil Code</a> </span>

</div>

</body>

<script src="JS/login.js"></script>

</html>