

Rodrigo and David First Term Project

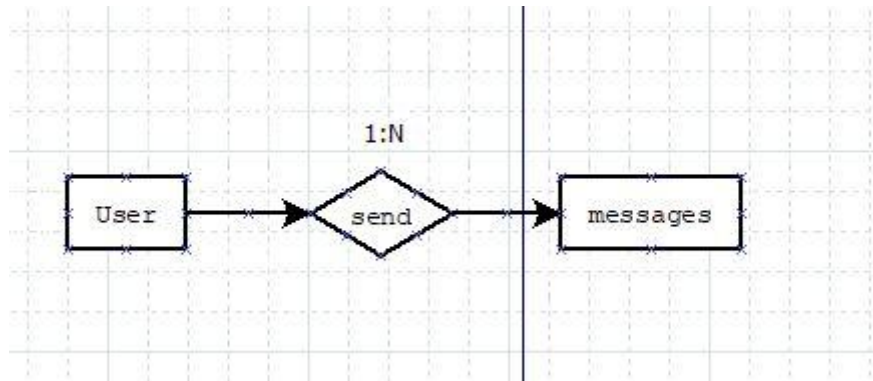
Ampliation	Donea (S/N)
A1	YES
A2	YES
A3	NO
A4	YES
A5	YES
A6	YES
A7	NO
A8	NO
A9	NO
A10	NO
A11	YES
A12	NO
A13	YES
A14	YES

SQL Diagram

dbname users
id : mediumint(9)
name : varchar(100)
password : varchar(100)
email : varchar(100)
picture : varchar(500)
date : date

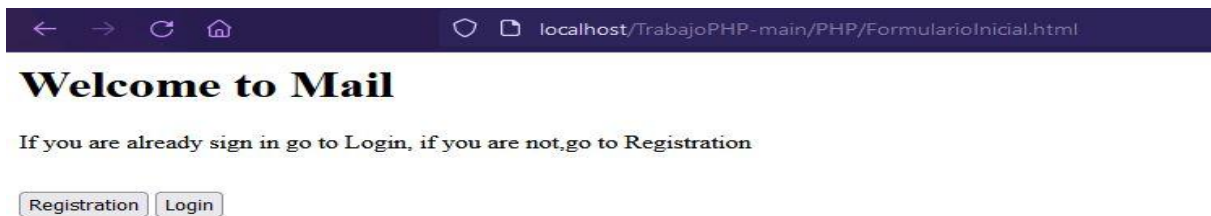
dbname chat
msgld : int(11)
sender_username : varchar(100)
receiver_username : varchar(100)
msg_content : varchar(255)
date : datetime
readed : tinyint(1)
picture : varchar(255)
topic : varchar(20)

E/R Model



User Manual

First we enter the first pages that is a html page very simple that has two buttons one for registration and other for login
(LocalHost view)



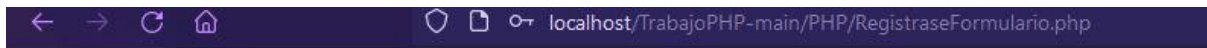
(VisualStudio document)

```
1 <html>
2
3
4 <head>
5   <title>FirstForm</title>
6 </head>
7
8 <body>
9   <h1>Welcome to Mail</h1>
10  <p>If you are already sign in go to Login, if you are not,go to Registration</p>
11  <br>
12  <a href="RegistraseFormulario.php"><input type="button" name="registrase" value="Registration"></a>
13  <a href="LogearseFormulario.php"><input type="button" name="logearse" value="Login"></a>
14 </body>
15 </html>
```

Now we continue through the registration form by clicking in the Registration button to sign up. We create a new user with our own database called dbname with two tables called "users" and "chat" but for now i will only show the users table.

#	Nombre	Tipo	Cotejamiento	Atributos	Nulo	Predeterminado	Comentarios	Extra	Acción
<input type="checkbox"/> 1	id	mediumint(9)			No	Ninguna		AUTO_INCREMENT	Cambiar Eliminar Más
<input type="checkbox"/> 2	name	varchar(100)	utf8mb4_general_ci		No	Ninguna			Cambiar Eliminar Más
<input type="checkbox"/> 3	password	varchar(100)	utf8mb4_general_ci		No	Ninguna			Cambiar Eliminar Más
<input type="checkbox"/> 4	email	varchar(100)	utf8mb4_general_ci		No	Ninguna			Cambiar Eliminar Más
<input type="checkbox"/> 5	picture	varchar(500)	utf8mb4_general_ci		No	Ninguna			Cambiar Eliminar Más
<input type="checkbox"/> 6	date	date			No	Ninguna			Cambiar Eliminar Más

So we are in the Registration form and we put in the specification our new user "user"
Now we go to registration form and see what it does



Insert your data

Name
 New mail name
 Date of Birth
 Password
 Teletubbies.jpg Profile Picture

when we submit, in the register_php.php we do all the queries to insert this new user and encrypted the password for more security

Password hashed:(A4)

```
//encrypt password
$password = password_hash($_POST['password'],PASSWORD_DEFAULT);
```

Editar Copiar Borrar	13 user	\$2y\$10\$TDVqVWk8u3EiL827z8qOG6uDBbR5Re5cE31nxv5M2Kk...	user@gmail.com	upload/Teletubbies.jpg	2000-10-04
------------------------	---------	--	----------------	------------------------	------------

and now my new user is in my database and we are redirected to the Login page



Login

User Name
 Password

[Forgot Password?](#)

When we submitted in checks if the name is the same and verify the hashed password
Password verify:(A4)

```
password_verify($_POST['password'],$result['password']))
```

Forgot Password(A2):

Here we click in Forgot Password and it redirects you to




Change Password

<input type="text" value="user"/>	User you want to change password
<input type="password" value="....."/>	New Password
<input type="button" value="Send"/>	

And when we submit it it makes an update in the database where the user is exist and hash the password to encrypt it

```
$name = ($_POST['user']);
$password = password_hash($_POST['new_password'],PASSWORD_DEFAULT);
$query1 = "SELECT * FROM users WHERE name like '$name'";
$result = $conn->query($query1);
$result = $result->fetch(PDO::FETCH_ASSOC);
if($result['name']==$name)
{
    $query = "UPDATE users SET password = '$password' where name='$name'";
    $result = $conn->query($query);
    header("Location: LogearseFormulario.php");
}
else
```

and it return us to the Login page and now it's time to enter to our principal page

<div>user</div> <div></div> <div>Logout Configuration</div>		
Inbox	Send Messages <div><div>Type the topic here...</div><div>Type your message here...</div><div><div>Examinar...</div> No se ha seleccionado ningún archivo. Add image</div><div>Send a message to... <input type="button" value="Send"/></div></div>	Outbox

So here we can do a lot of things but lets try the logout and what it makes its a session destroy and put us in the First form

```
logout.php
1 <?php
2
3 session_start();
4
5 session_destroy();
6
7 header("Location: FormularioInicial.html");
8 ?>
```

We will login again and go to our profile configuration



and it redirect us to our user profile

Profile user (A6):

So here we can see all the data of our user and also change the user profile pic(A5)



So if u want to change the profile pic first we choose the file and then click on the button to change it that create and update in a form passing \$_POST the profile pic using a function (upload()) that is in other file that returns the route and then makes the update

```
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    ... $picture = upload();
    ... $query = "UPDATE users SET picture = '$picture' where name = '$nombre' ";
    ... $result = $conn->query($query);
}
```

```

<?php
function upload()
{
    $target_dir = "upload/";
    $target_file = $target_dir . basename($_FILES["fileToUpload"]["name"]);
    $uploadOk = 1;
    $imageFileType = strtolower(pathinfo($target_file,PATHINFO_EXTENSION));

    // Check if image file is a actual image or fake image
    if(isset($_POST["submit"])) {
        $check = getimagesize($_FILES["fileToUpload"]["tmp_name"]);
        if($check !== false) {
            echo "File is an image - " . $check["mime"] . ".";
            $uploadOk = 1;
        } else {
            echo "File is not an image.";
            $uploadOk = 0;
        }
    }

    // Check if file already exists
    /*if (file_exists($target_file)) {
        echo "Sorry, file already exists.";
        $uploadOk = 0;
    }*/

    // Check file size
    if ($_FILES["fileToUpload"]["size"] > 500000) {
        echo "Sorry, your file is too large.";
        $uploadOk = 0;
    }

    // Allow certain file formats
    if($imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg"
    && $imageFileType != "gif" ) {
        echo "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";
        $uploadOk = 0;
    }

    // Check if $uploadOk is set to 0 by an error
    if ($uploadOk == 0) {
        echo "Sorry, your file was not uploaded.";
    // if everything is ok, try to upload file
    } else {
        if (move_uploaded_file($_FILES["fileToUpload"]["tmp_name"], $target_file)) {
            echo "The file " . htmlspecialchars( basename( $_FILES["fileToUpload"]["name"])) . " has been uploaded.";
        } else {
            echo "Sorry, there was an error uploading your file.";
        }
        return $target_file;
    }
}

```

So now we change the profile pic

The file PescaPollo.png has been uploaded.
User Name: user



Profile picture:
Date of Birth: 2000-10-04
Examinar... No se ha seleccionado ningún archivo. Choose other avatar picture [Change](#)
[Go Back](#)

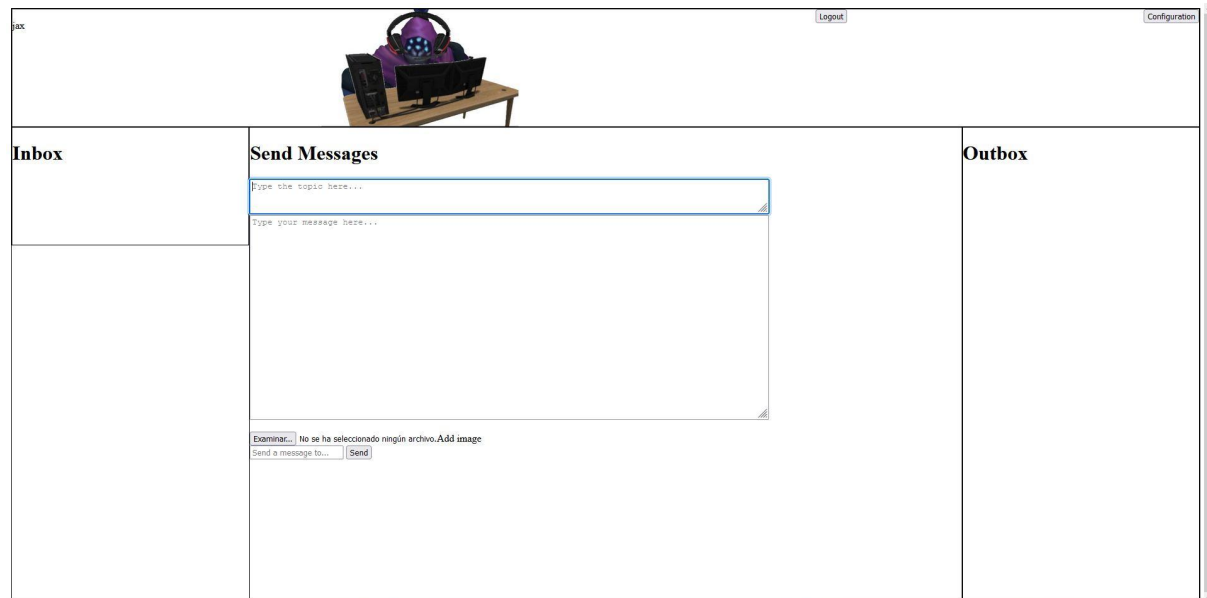
and the click go back and return to the home page and the profile is changed too



So now to send a message we have to create a new user so we logout and register a new user



and then login to see the home from “jax”

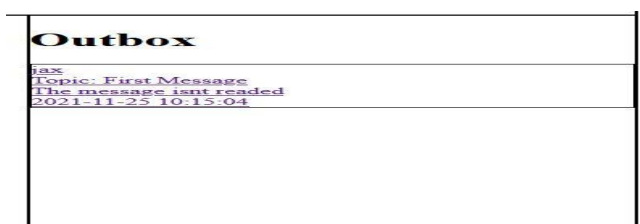


So now we want to send a message to “user” so we write in the first box the topic and and a message with an image(A11) to user

Send Messages



and now it appear us in the Outbox(A13) message and is set that is not readed until the other user see it in his Inbox



And when we click in it we can see all details from the message

Sender user: [jax](#)
 Topic: First Message
 Message: This is the first message




Date: 2021-11-25 10:15:04

Now we send another message to show that in the Outbox(A13) shows the messages by dates in order descendent

Outbox	
jax	Topic: Second Message
The message isnt readed	
2021-11-25 10:27:33	
jax	Topic: First Message
The message isnt readed	
2021-11-25 10:15:04	

Now we logout and go to user profile to see the Inbox

user	
	
Inbox	Send Messages
jax	Type the topic here...
Topic: Second Message	
The message isnt readed	
2021-11-25 10:27:33	
jax	Type your message here...
Topic: First Message	
The message isnt readed	
2021-11-25 10:15:04	

Now we click in a message and see all details of the message and set the message as readed

Sender user: [jax](#)
Topic: First Message
Message: This is the first message



Date: 2021-11-25 10:15:04
The message has been readed


Also here we can see the profile of the sender(A6) clicking his name but we can't change the password

User Name: jax




Profile picture:
Date of Birth:2021-11-12

Now If we go back we can see that the message in user Inbox has been readed

user		
Inbox		Send Messages
jax Topic: Second Message The message isnt readed 2021-11-25 10:27:33		Type the topic here...
jax Topic: First Message The message has been readed 2021-11-25 10:15:04		Type your message here...

Then we go to “jax” and see in the OutBox that the message has been readed



Logout

Configuration

Send Messages

e the topic here...

e your message here...

Outbox

jax Topic: Second Message The message isnt readed 2021-11-25 10:27:33
jax Topic: First Message The message has been readed 2021-11-25 10:15:04

