

Documentation: Message-App

Requirements:

- PHP >= 7.1
- Composer
- XAMPP

Deploy configuration:

1. First you can find the code of the application on GitHub: [Message-App](#). Clone this repo on your machine, if you want to deploy it with XAMPP, you can clone directly on your htdocs folder: C:\xampp\htdocs.
2. For the connection to the database, you need to change the **config.php** on the project with your parameters.

```
// Update the details below with your MySQL details
define('DBUSER', 'root');
define('DBPWD', 'root');
define('DBHOST', 'localhost');
define('DBNAME', 'chatapp');
```

3. To create the database on your local machine you need to run two different scripts, one for the database and the other for inserting some initial data to see on the application. You can find those files in the directory sql on the project.

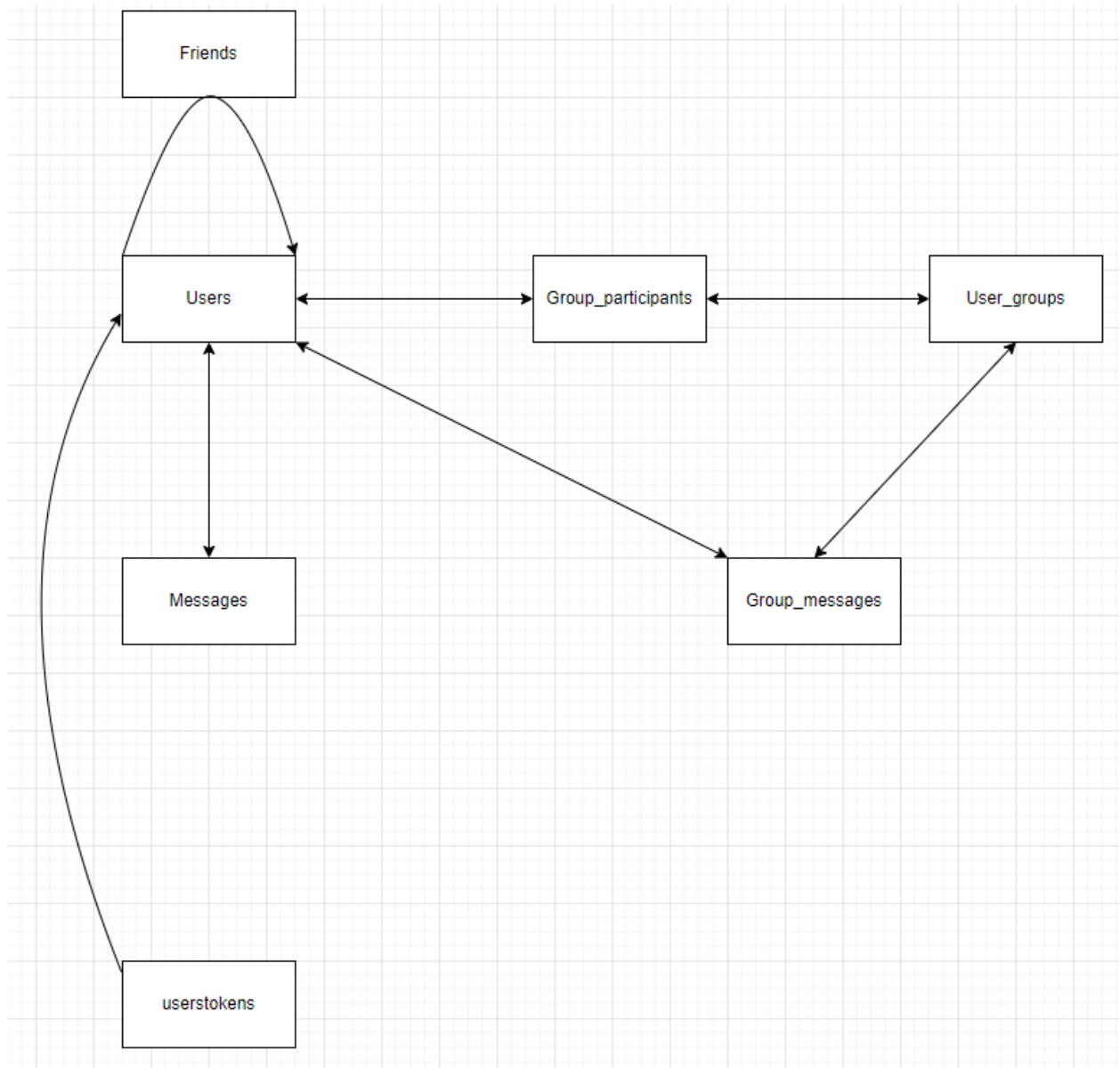
Test credentials:

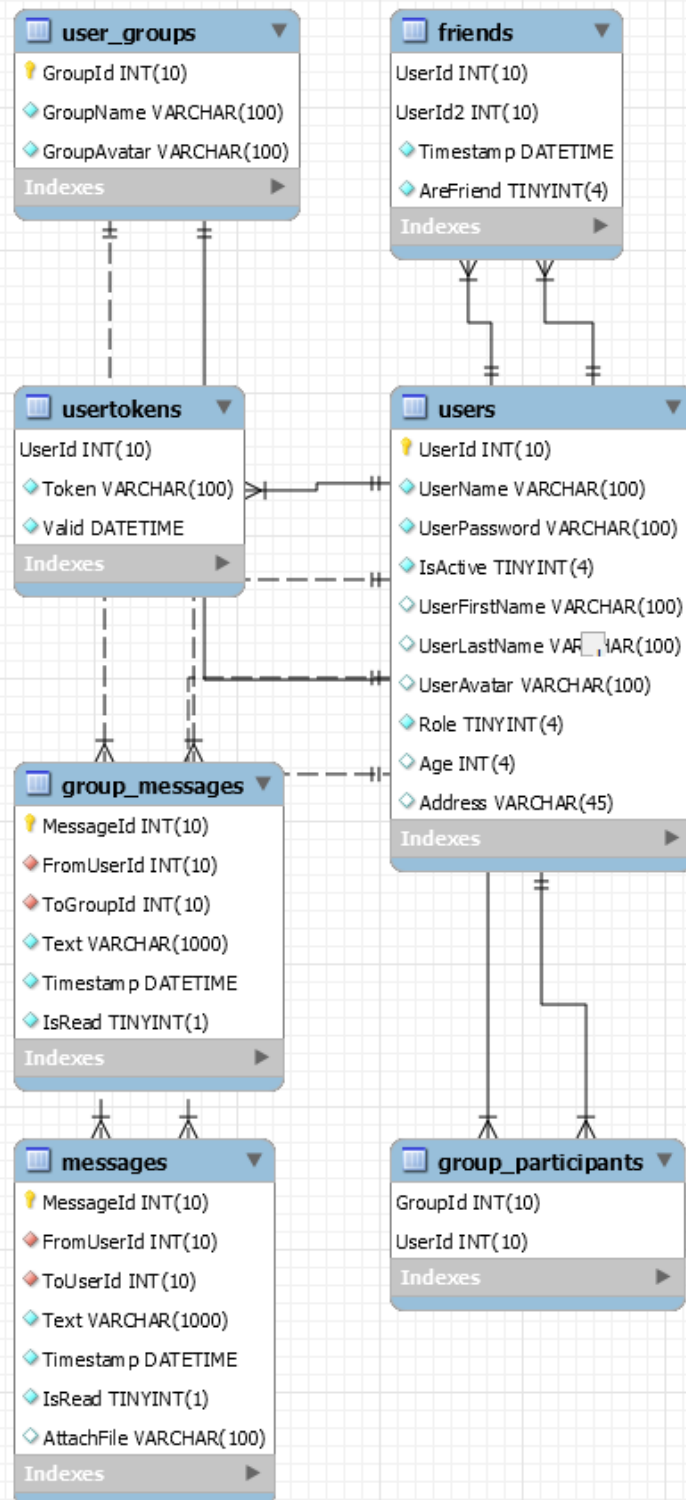
Users :

- Admin: luis@gmail.com
- User: [pepe@gmail.com](#), [jhon@gmail.com](#), alex@gmail.com

Password: 1234

Database schema:

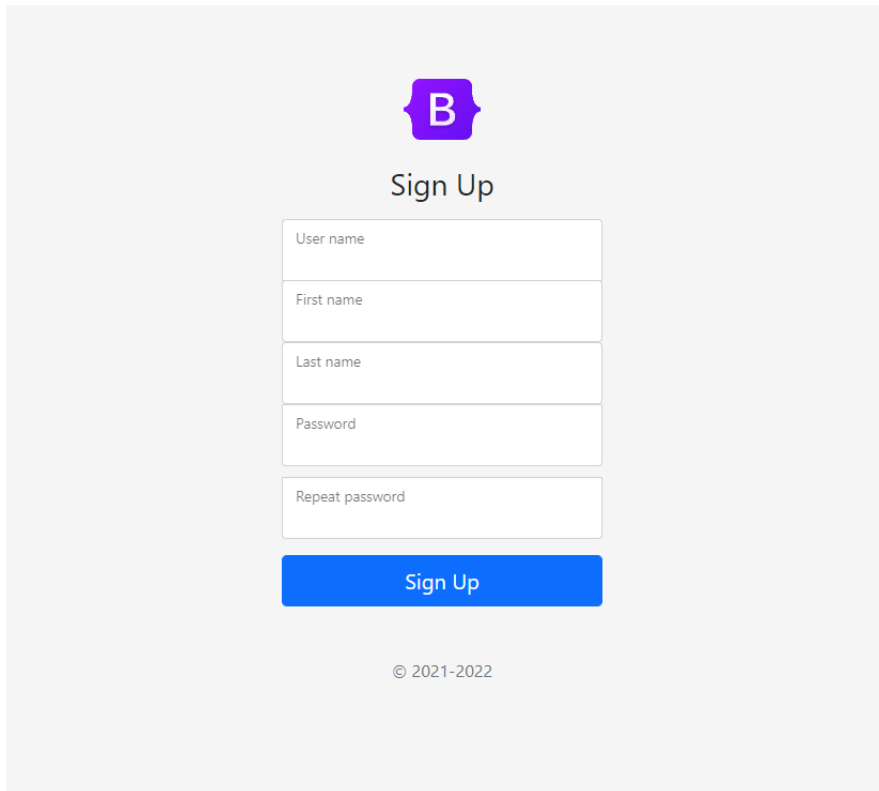





Features implemented:

Basic functionality:

1. Access:

A screenshot of a web application's sign-up page. At the top center is a purple logo consisting of a stylized 'B' inside a square with rounded corners. Below the logo is the text 'Sign Up' in a bold, black font. Underneath this text is a vertical stack of five white input fields with thin gray borders. The labels for these fields, from top to bottom, are 'User name', 'First name', 'Last name', 'Password', and 'Repeat password'. Below the input fields is a solid blue rectangular button with the text 'Sign Up' in white. At the bottom center of the form area is a small copyright notice: '© 2021-2022'.



Sign Up

User name

First name

Last name

Password

Repeat password

Sign Up

© 2021-2022

2. Sending:

To:

Message

New message

Attach file or image


Seleccionar archivo

Ningún archivo seleccionado

Send










Send message to multiple users

3. Inbox:

Shaped's Inbox 


New message

Alex's Inbox

| | | | |
|---|--|---------------------|---|
|  | John Jackson holi | 2021-11-21 11:40:12 | <input checked="" type="checkbox"/> |
|  | John Jackson holi | 2021-11-21 11:38:22 | <input checked="" type="checkbox"/>  |
|  | John Jackson hola de nuevo | 2021-11-21 11:34:42 | <input checked="" type="checkbox"/> |
|  | John Jackson buenos días | 2021-11-21 11:27:05 | <input checked="" type="checkbox"/> |
|  | Luis Gonzales hola | 2021-11-20 13:54:56 | <input checked="" type="checkbox"/>  |
|  | Pepe Perez hola | 2021-11-20 12:22:59 | <input checked="" type="checkbox"/> |
|  | John Jackson Hola, mañana hablamos | 2021-11-19 00:17:11 | <input checked="" type="checkbox"/> |

4. Messages:

John Jackson's Message


| | | |
|---|--|---------------------|
|  | To: Alex alex@gmail.com Hola Alex, este es un nuevo mensaje de John | 2021-11-07 20:14:49 |
|---|--|---------------------|

Reply

Extensions

| ENLARGEMENT | MADE (Y / N) |
|-------------|--------------|
| A1 | Y |
| A2 | N |
| A3 | Y |
| A4 | Y |
| A5 | Y |
| A6 | Y |
| A7 | Y |
| A8 | Y |
| A9 | Y |
| A10 | Y |
| A11 | Y |
| A12 | N |
| A13 | Y |
| A14 | Y |

Self-registration A1:



Sign Up

Sign Up

© 2021-2022

Verification email Inbox x



Confirmation link <luismonped4609@gmail.com>
to me ▾

[Pls click this link to finish your registration process.](#)

 Reply

 Forward

Messages to multiple recipients A3:

New message

Text

Messages participants

jhon@gmail.com
alex@gmail.com
luis@gmail.com
Jose

Attach file

Seleccionar archivo

Ningún archivo seleccionado

Send

Encrypted password A4:

```
}  
if ($_SERVER["REQUEST_METHOD"] == "POST") {  
    //information of the new user sent from register form  
    $myusername = $_POST['username'];  
    $mypassword = password_hash($_POST["password"], PASSWORD_DEFAULT);  
    $myuserFirstName = $_POST['firstname'];  
    $myuserLastName = $_POST['lastname'];  
}
```

```
//Verify the hashed password  
if (password_verify($_POST["password"], $result['UserPassword'])) {  
    //Get the user role  
    if ($result['Role'] == 0) {  
        $_SESSION["userrole"] = USERROLE;  
        header('location: index.php?page=home');  
    } else {  
        $_SESSION["userrole"] = ADMINROLE;  
        header('location: index.php?page=admin-zone');  
    }  
}
```

User avatar A5:

- Upload an image and update it:


Edit profile

| | |
|---|---|
| First name | Last name |
| <input type="text" value="Pepe"/> | <input type="text" value="Perez"/> |
| Email | |
| <input type="text" value="pepe@gmail.com"/> | |
| Age | |
| <input type="text" value="21"/> | |
| Address | |
| <input type="text" value="Calle/ Pepito de los palotes"/> | |
| New avatar | |
| <input type="button" value="Seleccionar archivo"/> | <input type="button" value="Ningún ...ccionado"/> |




User profile A6:

- The user can see his profile:

| | |
|---|---|
|  | Alex Fernandez Email: alex@gmail.com Age: 42 Address: |
|---|---|

-
- Your friends can check your profile:



John Jackson

Email: jhon@gmail.com

Age:

Address:

Send a message

Friendship A7:





- Send a friend request:

Search:


Send friend request

-
- Checking your friend list

Pepe's Friends List

| | |
|---|-------------------------|
|  | jhon@gmail.com |
|  | alex@gmail.com |
|  | shapedlm2020@gmail.com |
|  | pepeperez4609@gmail.com |

Pending friends requests

| | | | |
|---|-------------|------------------------|------------------------|
|  | Luis Monzon | Accept | Ignore |
|---|-------------|------------------------|------------------------|


Groups A8:


- Allow the creation of groups that are collections of user names. When you send a message to one of these groups, it is sent to each of the users.


Shaped's Group List

New group

Group: Friends

 **Luis Monzon** 2021-11-21 20:49:21 ☒
Hola Alex, este es un nuevo mensaje de John








 **Pepe Perez** 2021-11-20 19:38:50 ☒
Hola

 **Pepe Perez** 2021-11-20 19:39:21 ☒
ey

New message

Send

Pepe's Group List

| | |
|---|---------------------|
|  | Amigos de Pepe |
|  | Friends |
|  | Fiesta mañana |
|  | Hasta mañana |
|  | compañía de pepe |
|  | A valencia |
|  | el grupo de la vida |

New group

New Group

Group name

Group participants

jhon@gmail.com
alex@gmail.com
luis@gmail.com
Jose

Group avatar

Seleccionar archivo

Ningún archivo seleccionado

Save

Administration zone A9:

```
6 //Verify user role
7 if (!is_user_in_role(ADMINROLE)) {
8     //Error
9     $errorMessage = "Unauthorized";
10    template_error('Error', $errorMessage);
11 }
```

Message App

Search

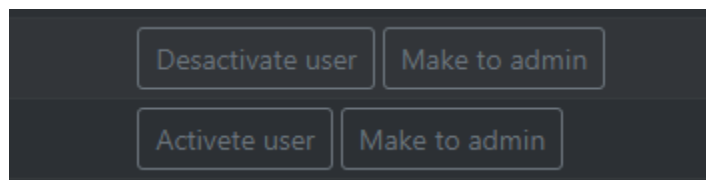
Sign out

Dashboard

Go to message-app

Users List

| Userid | Email | First name | Last name | Active | Role | Avatar | Buttons | |
|--------|-------------------------------------|------------|-----------|--------|------|---|------------------|---------------|
| 1 | jhon@gmail.com | John | Jackson | 1 | 0 | uploads/yiran-ding-726226-unsplash.jpg | Desactivate user | Make to admin |
| 2 | alex@gmail.com | Alex | Fernandez | 1 | 0 | uploads/graffiti_room-wallpaper-1920x1080.jpg | Desactivate user | Make to admin |
| 3 | pepe@gmail.com | Pepe | Perez | 1 | 0 | uploads/robert-lukeman-128791-unsplash.jpg | Desactivate user | Make to admin |
| 5 | Jose | | | 1 | 0 | /Chat-App/assets/icon-usuario.png | Desactivate user | Make to admin |
| 6 | Maria | | | 0 | 0 | /Chat-App/assets/icon-usuario.png | Activate user | Make to admin |
| 7 | Diana | | | 0 | 0 | /Chat-App/assets/icon-usuario.png | Activate user | Make to admin |
| 10 | Antonio | | | 0 | 0 | /Chat-App/assets/icon-usuario.png | Activate user | Make to admin |
| 13 | Miguel | | | 0 | 0 | /Chat-App/assets/icon-usuario.png | Activate user | Make to admin |
| 17 | shapedm2020@gmail.com | Luis | Monzon | 1 | 0 | /Chat-App/uploads/user_default_avatar.jpg | Desactivate user | Make to admin |
| 19 | pepeperez4609@gmail.com | Pepe2 | Perez | 1 | 0 | /Chat-App/assets/icon-usuario.png | Desactivate user | Make to admin |
| 28 | shapedheart4609@gmail.com | Shaped | the best | 1 | 0 | /Chat-App/assets/icon-usuario.png | Desactivate user | Make to admin |
| 29 | luis.monzon.pedreira@alumnos.upm.es | Luis | El mejor | 1 | 0 | /Chat-App/assets/icon-usuario.png | Desactivate user | Make to admin |



Attach files A10:

Attach file or image

Seleccionar archivo

Ningún archivo seleccionado

Send

Send message to multiple users

Luis Gonzales's Message



To: Pepe pepe@gmail.com
ey

2021-11-20 13:51:12

1 / 2

—

+



CONSEJERÍA DE EDUCACIÓN E INVESTIGACIÓN

Comunidad de Madrid

Calendario escolar 2020-2021

| Septiembre 2020 | | | | | | | Octubre 2020 | | | | | | | Noviembre 2020 | | | | | | |
|-----------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|----------------|----|----|----|----|----|----|
| L | M | X | J | V | S | D | L | M | X | J | V | S | D | L | M | X | J | V | S | D |
| | 1 | 2 | 3 | 4 | 5 | 6 | | | | 1 | 2 | 3 | 4 | | | | | | | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 14 | 15 | 16 | 17 | 18 | 19 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 21 | 22 | 23 | 24 | 25 | | 16 | 17 | 18 | 19 | 21 | 21 | 22 |
| 28 | 29 | 30 | | | | | 26 | 27 | 28 | 29 | 30 | 31 | | 23 | 24 | 25 | 26 | 27 | 28 | 29 |

| Diciembre 2020 | | | | | | | Enero 2021 | | | | | | | Febrero 2021 | | | | | | |
|----------------|----|----|----|----|----|----|------------|----|----|----|----|----|----|--------------|----|----|----|----|----|----|
| L | M | X | J | V | S | D | L | M | X | J | V | S | D | L | M | X | J | V | S | D |
| | 1 | 2 | 3 | 4 | 5 | 6 | | | | | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| 14 | 15 | 16 | 17 | 18 | 19 | 21 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 15 | 16 | 17 | 18 | 19 | 21 | 21 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 18 | 19 | 21 | 21 | 22 | 23 | 24 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |
| 28 | 29 | 30 | 31 | | | | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | | |

| Marzo 2021 | | | | | | | Abril 2021 | | | | | | | Mayo 2021 | | | | | | |
|------------|----|----|----|----|----|----|------------|----|----|----|----|----|----|-----------|----|----|----|----|----|----|
| L | M | X | J | V | S | D | L | M | X | J | V | S | D | L | M | X | J | V | S | D |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | | | | 1 | 2 | 3 | 4 | | | | | | 1 | 2 |
| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 15 | 16 | 17 | 18 | 19 | 21 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 21 | 21 | 22 | 23 | 24 | 25 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |

Reply

Images A11:

Attach file or image

Seleccionar archivo

Ningún archivo seleccionado

Send

Send message to multiple users

```
<!--Logic for show the attach file or image-->
<?php if ($message['AttachFile'] == null) {
    $isAttached = "";
    $isDisplayedImg = "d-none";
    $isDisplayedFile = "d-none";
} else {
    $extension = substr($message['AttachFile'], -3, 3);
    $isAttached = $message['AttachFile'];
    if (
        $extension == "jpg" || $extension == "png" || $extension == "jpeg"
        || $extension == "gif"
    ) {
        $isDisplayedImg = "";
        $isDisplayedFile = "d-none";
    } else {
        $isDisplayedFile = "";
        $isDisplayedImg = "d-none";
    }
}

You, seconds ago • Uncommitted changes
} ?>
```

Alex Fernandez's Message



To: Pepe pepe@gmail.com

2021-11-21 23:24:19

Hola Pepe, te estoy hablando para
saber de ti








Reply

Outbox A13:

The list of the messages shown in the outbox are ordered by the date.

Pepe's Outbox

| | | |
|--|--------------------------------------|---|
|  | John Jackson ey | 2021-11-20 23:29:48  |
|  | Luis Gonzales yes | 2021-11-20 21:55:47 |
|  | Luis Gonzales eyy que paso | 2021-11-20 19:15:37 |
|  | John Jackson holi | 2021-11-20 19:14:08 |

New message

Text

Hola amigos, habeis terminado la practica de chat?

Messages participants

jhon@gmail.com
alex@gmail.com
luis@gmail.com
Jose

Attach file

Seleccionar archivo

Ningún archivo seleccionado

Send

Pepe's Outbox



John Jackson

2021-11-25 11:36:43

Hola amigos, habeis terminado
la practica de chat?



Alex Fernandez

2021-11-25 11:36:43

Hola amigos, habeis terminado
la practica de chat?



Luis Gonzales

2021-11-25 11:36:43

Hola amigos, habeis terminado
la practica de chat?



Luis Monzon

2021-11-25 11:36:43

Hola amigos, habeis terminado
la practica de chat?