

FakeyMail

FakeyMail is a mail application, similar to gmail or outlook. Users register and log-in with their emails. During their registration process, users can set their Name and Profile picture, both are optional. The user then has access to the application itself.

The users can access an inbox, outbox and view every message individually, and also reply to each message.

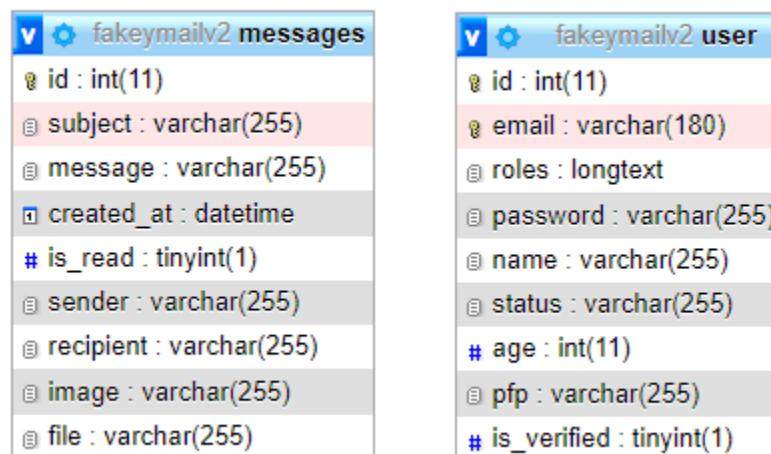
When sending messages, the users can choose to send the same message to multiple users, by selecting the desired users in the selection box.

Users can also insert images and PDF files to their messages (*****Notice, these options only work on single recipient messages; there is also a bug where an error message appears, it is Symfony related and I couldn't fix it.**)

All users have a personal profile that can be accessed by any other user if they press their profile picture anywhere on the app. User's profile pictures can be seen on the inbox/outbox and on their messages.

Every user has the capacity to edit their own profile, they can change anything except their email.

Entity-Relationship diagram:



Extensions carried out:

EXTENSION	DESCRIPTION	MADE (Y/N)
A1	Self-Registration	Y
A2	Password recovery	N
A3	Messages to multiple recipients	Y
A4	Encrypted user keys	Y

A5	User Avatar	Y
A6	User Profile	Y
A7	Friendship	N
A8	Groups	N
A9	Administration area	N
A10	Attaching files	Y
A11	Attaching images	Y
A12	Testing	N
A13	Outbox	Y
A14	Presentation	Y
A15	Use of AJAX	N
A16	Single page application	N

Test Data:Users in database logins:

These 2 users have messages between them with images and files(**A10, A11**), Mauricio's user sent a message to almost all other users in a multi-message (**A3**). All users have profile pictures and profiles (**A5, A6**). These two users and rodrigo's have at least one message in their outbox(**A13**).

mauricio@gmail.com | password: alumno

alfredo@gmail.com | password: alumno

Other users are the rest of students, all have profile pictures, except María's and David's users which have the default, all also have one received message. Rodrigo's has one received and one sent.

luís@gmail.com | password: alumno

felix@gmail.com | password: alumno

alberto@gmail.com | password: alumno

adrian@gmail.com | password: alumno

rodrigo@gmail.com | password: alumno

david@gmail.com | password: alumno

maria@gmail.com | password: alumno

Controller summary:

Controller	Template	Form(Y/N)	FUNCTIONALITY
RegistrationController.php	register.html.twig	Y-RegistrationFormType.php	Allows users to register into FakeyMail, it also should send a confirmation email.
SecurityController.php	login.html.twig	N	Allows registered users to log in into the application Also makes the lo-out functionality.
DashboardController.php	index.html.twig	N	Shows the user's inbox, extends from base.html.twig which puts the navbar on top and some styles.
NewMessageController.php	newMessage.html.twig	Y-MessageFormType	Shows the form for a new message for the user to fill with their desired data to send a message, extends from base.html.twig which puts the navbar on top and some styles.
SeeMessageController.php	SeeMessageController.php	N	Shows each message individually, allows the user to reply if it is a received message, extends from base.html.twig which puts the navbar on top and some styles.
ReplyController.php	reply.html.twig	Y-ReplyFormType	Shows the form for a reply message, the recipient and subject can't be changed, extends from base.html.twig which puts the navbar on top and some styles.
ProfileController.php	profile.html.twig	N	Shows the profile of the selected user, if the user is the one logged in, it allows the user to change some data from their profile, extends from base.html.twig which puts the navbar on top and some styles.
OutboxController.php	outbox.html.twig	N	Shows the user their sent messages and allows them to view them individually, extends from base.html.twig which puts the navbar on top and some styles.

Launching the project:

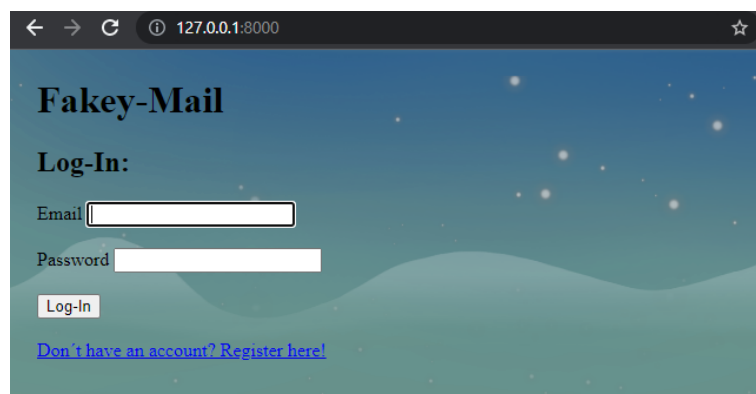
In order to launch FakeyMail you must have php and composer. Then follow these steps:

- Unzip the files into your desired folder.
 - Import the .sql file “fakeymailv2.sql” into phpMyAdmin to see use the database with the test data.
 - In the command line, go to the project folder.
 - Type “composer install” to install all of the project dependencies.
 - Type “npm install encore”.
 - Then type “yarn encore dev” to start the webpack.
- After following these steps, you can start the server normally with “symfony server:start”

User Manual:

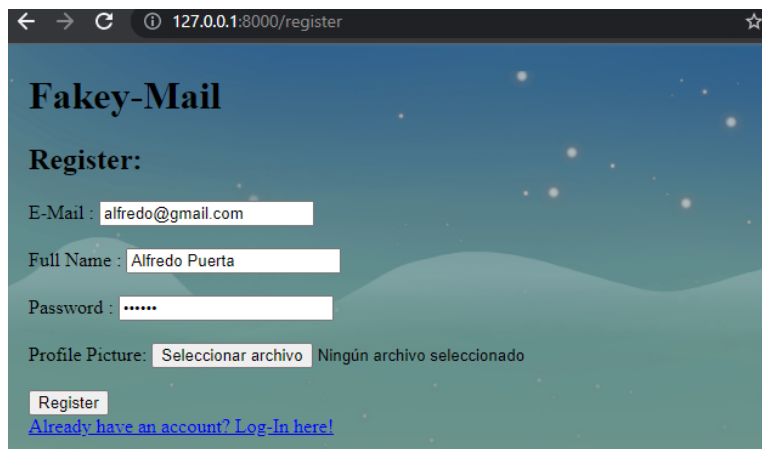
Logging In:

When entering FakeyMail (localhost:8000) you will enter the login page, which looks like this:



From here, you can log-in with any user already in the database or you can click on the message in the bottom to register a new user.

Register (A1):

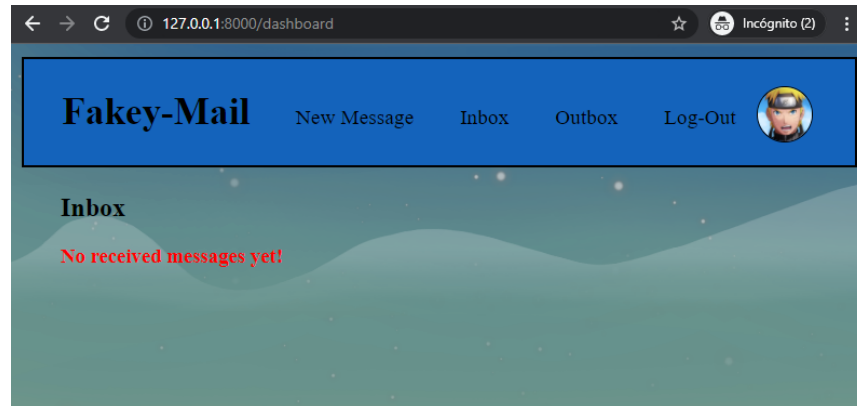


On the sign-in or register screen the new users can sign in if they are new in the page. They can choose their name and upload a custom profile picture. The password will be hashed and if the user does not upload any picture, they are given a default one.

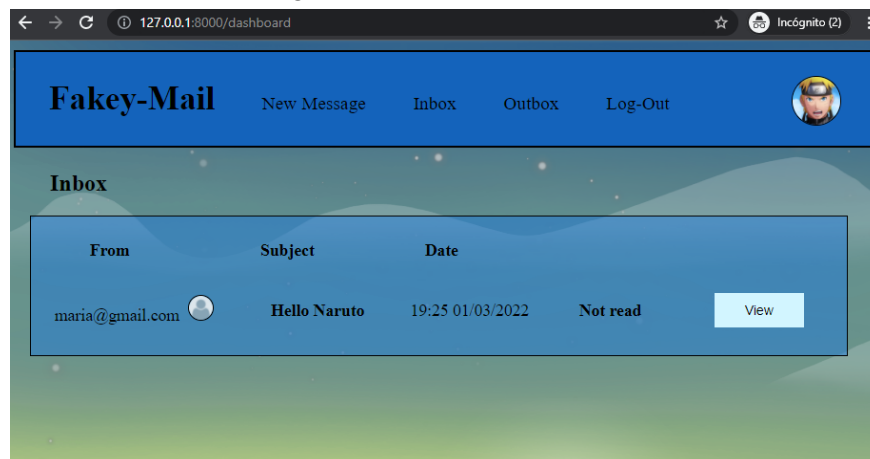
***The code for sending a confirmation email is written, but not working, so the application was fixed to work without a confirmation. ***

Inbox:

Once the user has logged in, they have access to their inbox. Which looks like this if they don't have any messages:



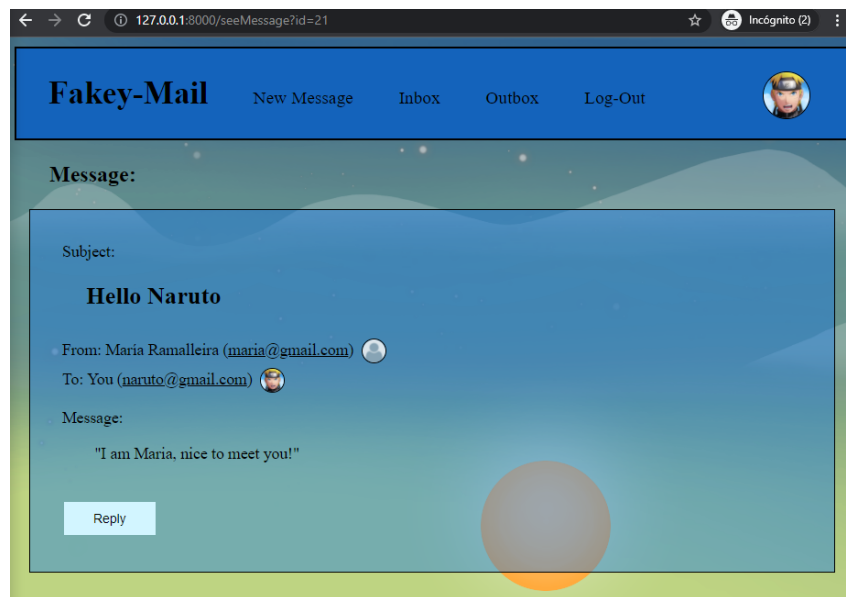
When the users have messages it would look like this:



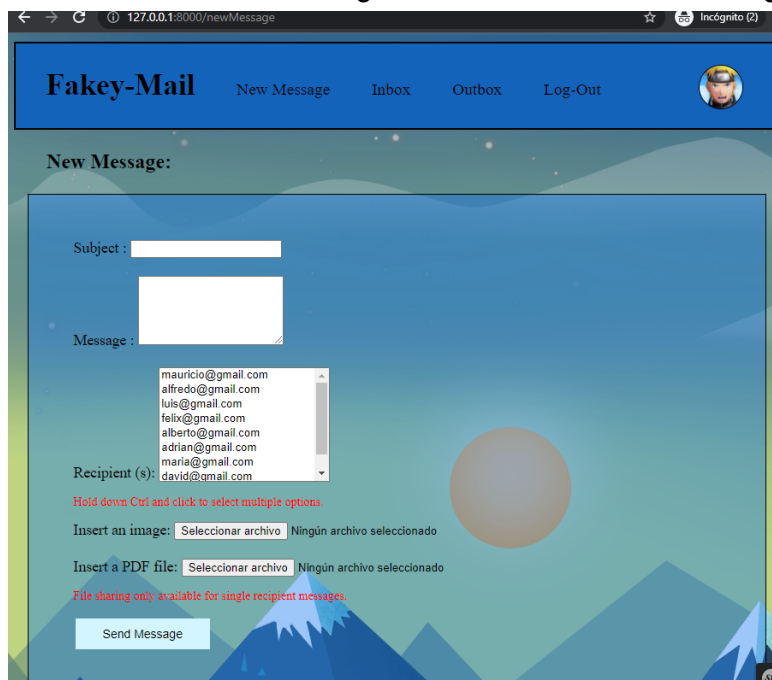
Messages in the inbox and outbox show some information, they show the mail of the sender and their profile picture (which can be used to access their profile), the subject of the message, the date, if it has been read and a button to see the message.

Messages:

When the user clicks on the view button he sees this screen and can choose to replying to the message.



The user can click on the New Message button to send a new message.



Or the reply button in a message to access the reply screen, which has a set subject and recipient that can't be changed:

Fakey-Mail New Message Inbox Outbox Log-Out

Replying to maria@gmail.com

Subject : RE: Hello Naruto

Message : Hello Maria ttebayo!

Recipient : maria@gmail.com

Insert an image: Seleccionar archivo Ningún archivo seleccionado

Insert a PDF file: Seleccionar archivo Ningún archivo seleccionado

Send Message

Multiple messaging(A3):

Users can send one message to several people (* They can't send files in this type of messages*), just by choosing all the recipients they want to send the message to with Ctrl + Click or holding click on them.

New Message:

Subject : Test

Message : test2

Recipient (s):

- mauricio@gmail.com
- alfredo@gmail.com
- luis@gmail.com
- felix@gmail.com
- alberto@gmail.com
- adrian@gmail.com
- maria@gmail.com
- david@gmail.com

Hold down Ctrl and click to select multiple options.

Insert an image: Seleccionar archivo Ningún archivo seleccionado

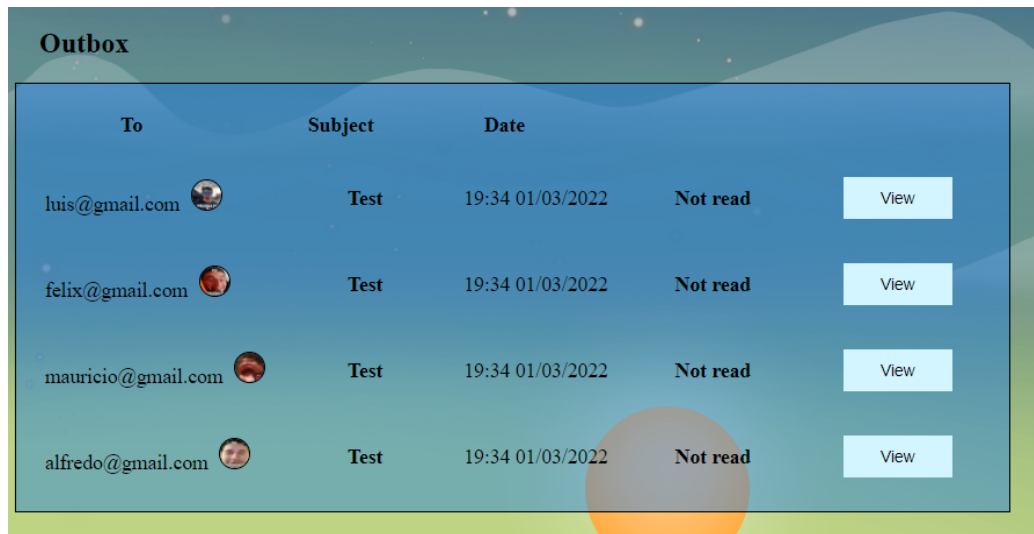
Insert a PDF file: Seleccionar archivo Ningún archivo seleccionado

File sharing only available for single recipient messages.

Send Message

The message screen:

The outbox with all 4 sent messages:



Encrypted user keys (A4):

When a user registers in the page, the password they chose is automatically hashed and saved as a key in the database, this was done by the symfony console commands when choosing the option. In the database the passwords look like this:

id	email	roles (DC2Type:json)	password
1	mauricio@gmail.com	[]	\$2y\$13\$xLByWNbh29zQpKn4UroQ.uRLLybVvQaDKVbU3EWFQTB...
2	alfredo@gmail.com	[]	\$2y\$13\$LP2PSkVnAQfnTtMicAb4jeRxSnMAmskoCZBK.bZCkOA...
3	luis@gmail.com	[]	\$2y\$13\$t9IJae4CVECutSDJbUVkS.kOSfTd.HNBuKQP5M64wlF...

User avatar (A5):

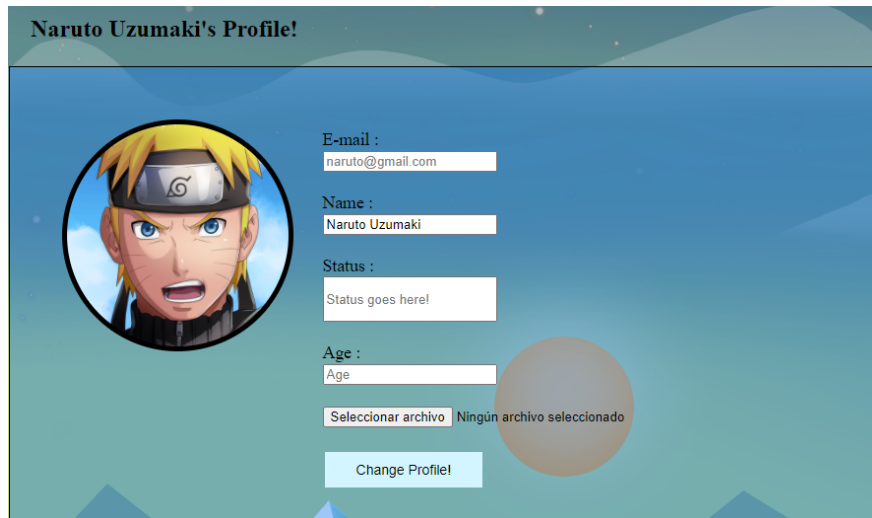
Users can set a profile avatar when registering, if they don't set a custom profile avatar they will have the default one, like this:




Users can change their profile picture by accessing their profile at any time (Users enter their profile by clicking on their profile picture on the top right corner).

User profile (A6):

All users have a personal profile that they can access at any time by clicking their profile picture, in here, they can change some data and their profile picture:



Naruto Uzumaki's Profile!



E-mail :

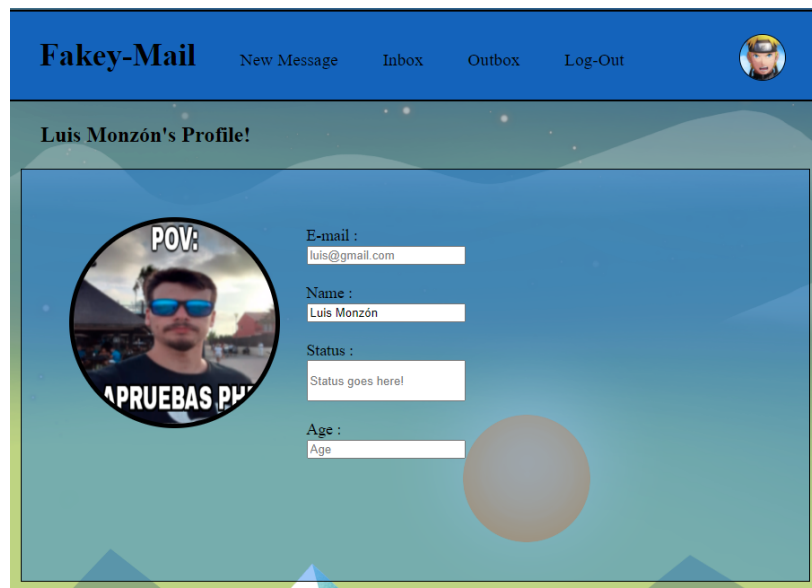
Name :


Status :

Age :


Ningún archivo seleccionado

Users can also see other users profiles by clicking on their profile picture whenever they appear, be it inbox / outbox or inside a message. They cannot edit this profile.



Fakey-Mail [New Message](#) [Inbox](#) [Outbox](#) [Log-Out](#) 

Luis Monzón's Profile!



E-mail :

Name :

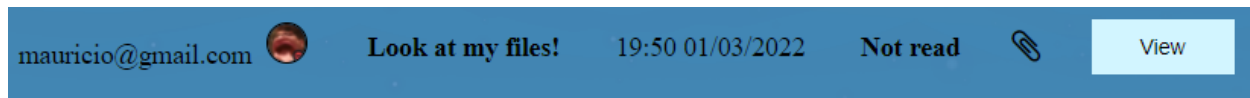
Status :

Age :

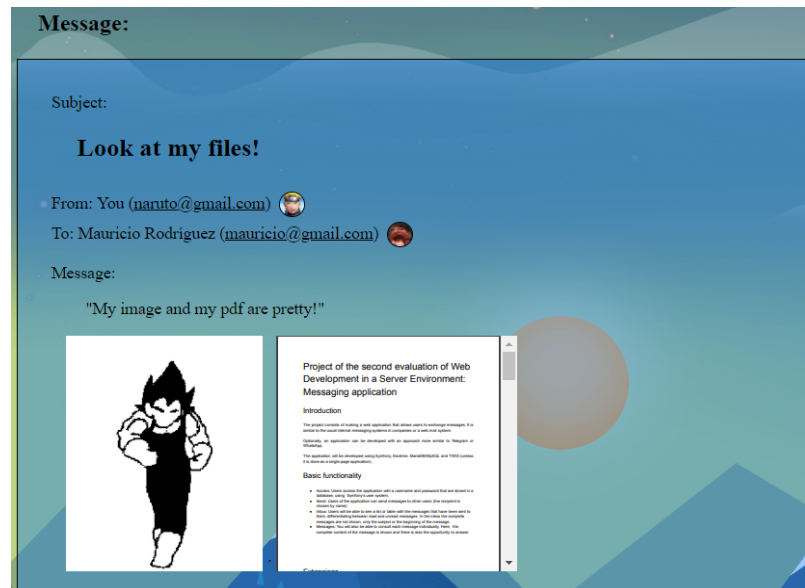
Attaching files and images (A10, A11):

When typing a new message or replying to a message, users can attach images or pdf files to their message. This image or file is shown in the message itself, there are no downloads involved. (**There are a couple of bugs when sending a file on a New Message, first, there always appears an error message when sending it to one user, it works, but the error appears regardless; and second, multiple messages with files don't work, only the first recipient will receive the message with the file. These errors don't happen when replying to a message**).

Messages with files appear with an icon in the inbox and outbox:

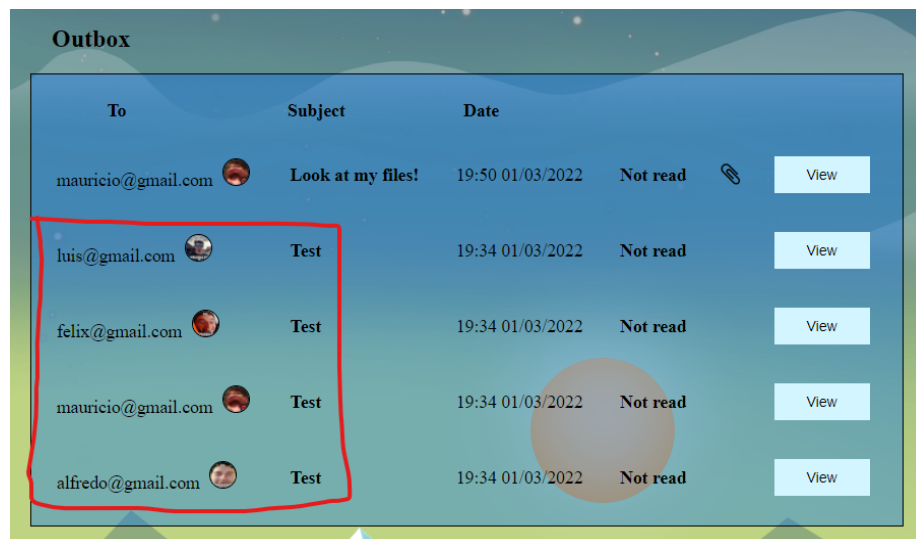


This is how a message with an image and a file would look:



Outbox (A13):

Users can also see their outbox, it is just as the index, only that it shows sent messages. The read value shows whether the recipient has read the message. Users can't see a message sent to multiple users as a single message, rather they see the same message for the users they chose. Like this:



The messages in the drawn red box were sent using the multiple recipients feature explained in **A3**.