

The registration process should capture at least:

Username

Password

At the end of the registration process, the app should display a message to the user to confirm the registration, or why the registration was unsuccessful.

Newly registered accounts should be redirected to the login view

The new account should be visible in the database

The registration date should also be recorded in the database

You should validate the password: length / range / format and type

The password should be encrypted in the database

The login view should require at least:

Username

Password

If the authentication is successful, the user should be sent to the main view

If the authentication is unsuccessful, the user should remain on the login page, and the reason of the failure should be displayed

You should implement an account lockout rule for too many unsuccessful attempts (> 3).

The lockout should expire after a time period (for example, 30 minutes)

The user should be able to reset their password if forgotten

The main view should

Display the contacts ordered by most recent interaction descending

The list of contacts should be clickable

Clicking on a contact should launch the messaging view

The view should allow the user to search for a specific contact

The main view should list contacts in their contacts ordered by most recent interaction descending (most recent interaction first).

- The message view should allow users to send a video file located on their device
- The receiver does not need to be online
- The receiver of the message will receive the video when they are logged in next
- When the receiver logs in, the message should be visible in their message view
- The message view of the sender should display the most recent messages with the selected contact
- The video should be playable within the app
- A user cannot send a video to themselves
- A user cannot find or send a video to a deleted account
- A user can send a video to a locked-out account

Implement a maximum size policy for the video file

- The message view should allow users to send an image file located on their device
- The receiver does not need to be online
- The receiver of the message will receive the image when they are logged in next
- When the receiver logs in, the message should be visible in their message view
- The message view of the sender should display the most recent messages with the selected contact
- The image should be displayed within the app
- A user cannot send an image to themselves
- A user cannot find or send an image to a deleted account
- A user can send an image to a locked-out account
- Implement a maximum size policy for the image file

- The message view should allow users to record an audio message (within the app) and send it
- The user should be able to send prerecorded audio files located on their device
- The receiver does not need to be online
- The receiver of the message will receive the audio when they are logged in next
- When the receiver logs in, the message should be visible in their message view
- The message view of the sender should display the most recent messages with the selected contact
- The audio message should be played within the app
- A user cannot send an audio message to themselves
- A user cannot find or send an audio message to a deleted account
- A user can send an audio message to a locked-out account
- Implement a maximum size policy for the audio files

- The messaging view should allow users to type and send messages
- The receiver does not need to be online
- The receiver of the message will receive the image when they are logged in next
- When the receiver logs in, the message should be visible in their message view
- The message view of the sender should display the most recent messages with the selected contact
- A user cannot send a message to themselves
- A user cannot find or send a message to a deleted account
- A user can send a message to a locked-out account
- User story #16 describes the notifications between connected users

From the view,

- The user should be able to select a contact and initiate a synchronous voice call
- If the receiver is offline, the caller should get a notification
- If the receiver is online, their browser/app should ring, the app should show the identity of the caller (username)
- If the receiver is online, they should have the option to accept or decline the call
- If the receiver accepts the call, the voice communication can start
- During the call, the app should display the elapsed time
- During the call, the app should display the option to terminate the call
- If the call is declined, the caller should get a notification
- Calls interactions should be displayed in the contacts' message view

Welcome to the register page
- now scroll down and click on
register

Stay connected with the people
who matter most.

Sign up for a free account

First name

Last name

Create Username

Create password

Register

Success!
Redirecting to login...

The user profile should display at least:

The username

The registration date

An avatar or user profile

The view should provide the ability to:

Change password

Deactivate the account

[optional] change avatar / profile picture

You are not required to delete all information related to a deactivated account from the database. However, the account (and messages) should not be visible in the app

Oops! We couldn't register you
because [error message].

Please try again!

Sign up for a free account

First name

Last name

Create Username

Create password

Register

Stay connected with the people
who matter most.

Click on login to sign in

Login

Username

Password

Login

Reset Password

Post user status (1)

The app should have a view allowing users to post statuses.

Statuses are similar to the ones implemented in Instagram or WhatsApp

Users should be able to see their contacts' statuses within the status view

Status can be text or images / gif

The status view should display statuses of contacts from the most recent to the least recent

Only statuses that were not previously viewed should be displayed

Statuses should be played within the app

Each status should have the same duration (for example 10 seconds)

The status view will play status automatically, and sequentially

 Search...

Contact suggestions

Ace Ventura	Add	Dismiss
Ben Ten	Add	Dismiss
Chris C	Add	Dismiss

This is the main view - now lets add a suggested contact

Add Ace Ventura

 **Rebecca Username**

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Add contact

Remove contact

Trevor Tom

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Aliou Stiga

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Marcus Rashford

Add contact

Remove contact



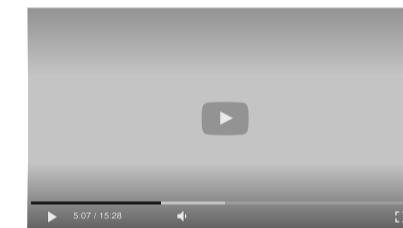
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



Lets now message Rebecca Username!



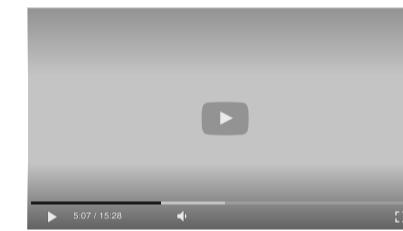
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



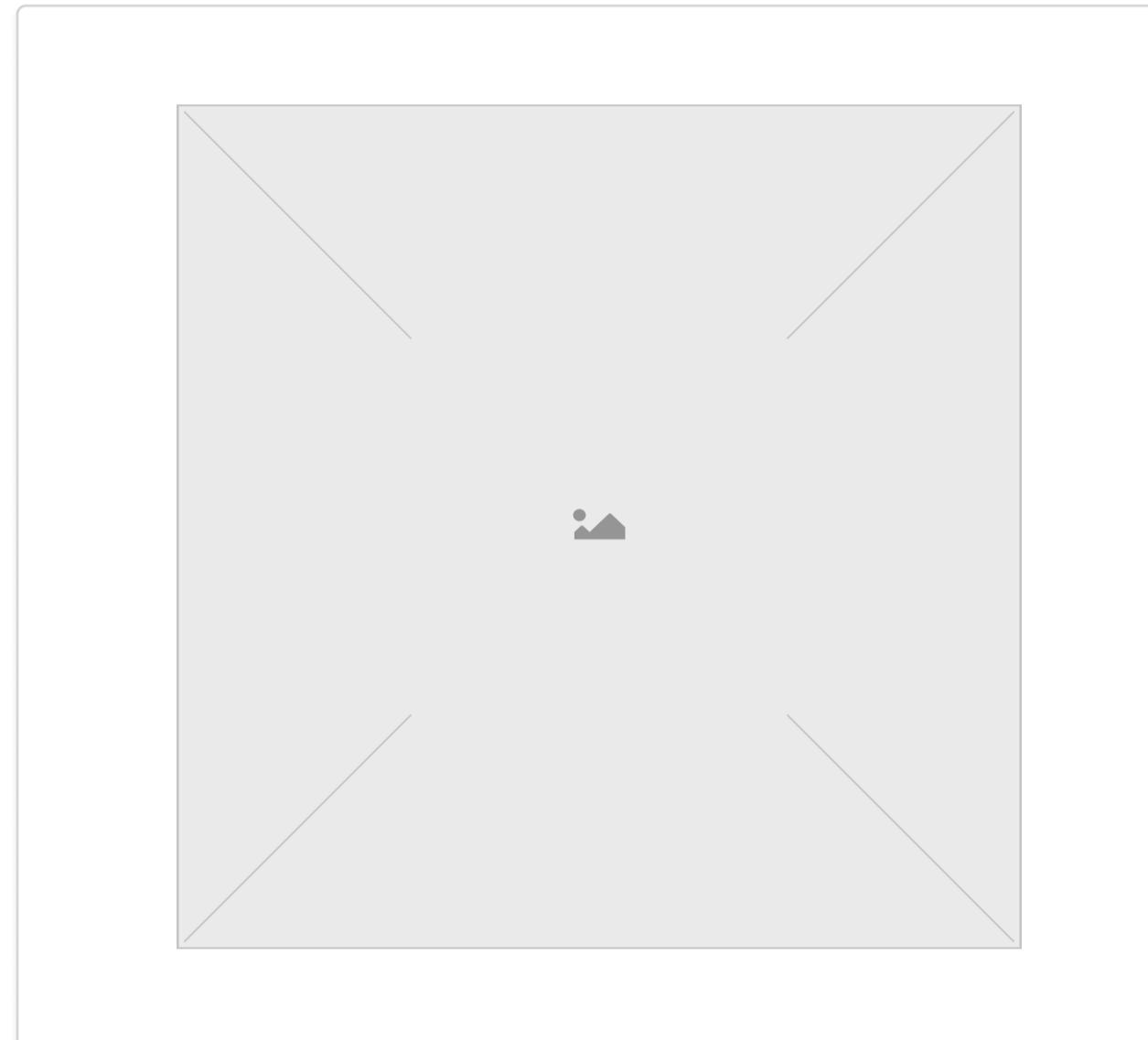
Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



You can view images



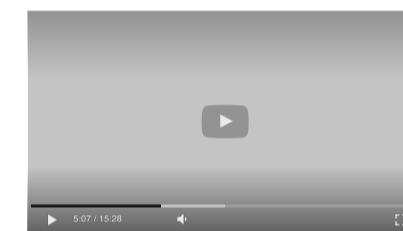
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



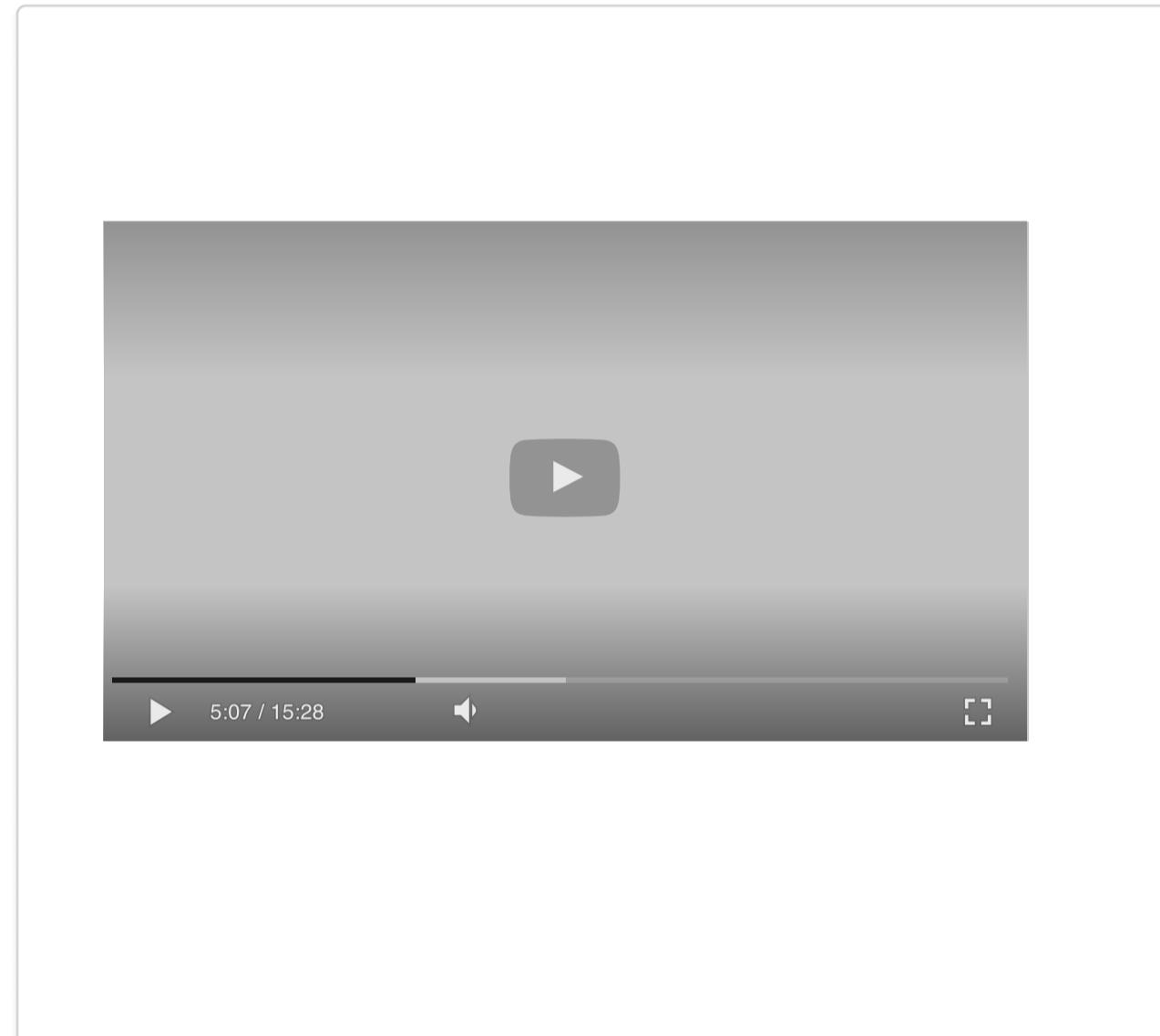
Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...

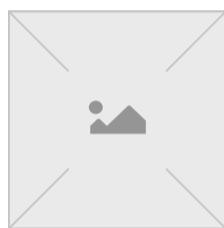


You can view videos



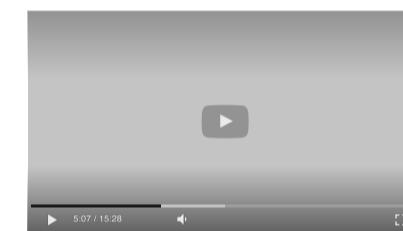
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



You can listen to audio



5:07 / 15:28



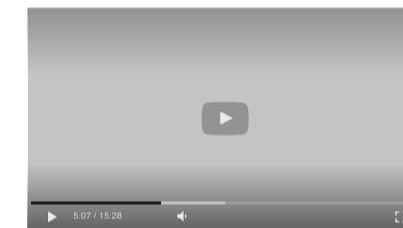
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



calling...



Rebecca Username

cancel

You can also make calls



Rebecca Username

Joined January 1st, 1991

This is the profile view

Account Options

Change Profile Picture

Change
Password

Deactivate
Account

No file selected

Choose File

Oops! That combination of username and password was invalid. Please try again.

2 more attempts remaining

That wasn't quite right - click anywhere to proceed

Login

Username

Password

Login

Reset Password

Search...

Contact suggestions

Aliou Stiga	Add	Dismiss
Ben Ten	Add	Dismiss
Chris C	Add	Dismiss

Rebecca Username

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Add contact

Remove contact

Trevor Tom

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Aliou Stiga

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Ace Ventura

Suggested contact Ace Ventura has been added

Add contact

Remove contact

Marcus Rashford

Now lets remove a contact

Add contact

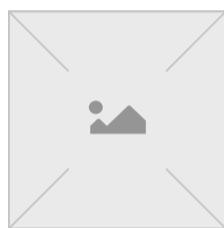
Remove contact

Remove Marcus Rashford



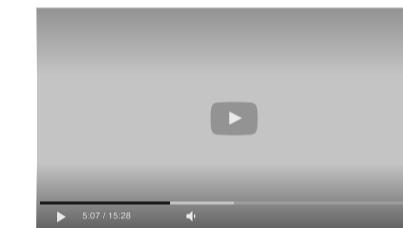
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



send image

No file selected

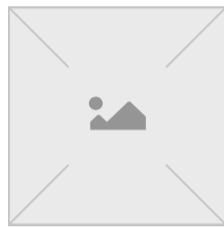
Choose File

You can send images



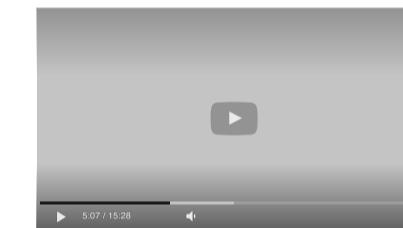
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



send video

No file selected

Choose File

You can send videos



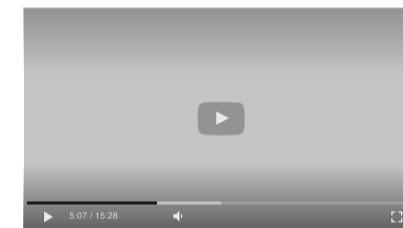
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

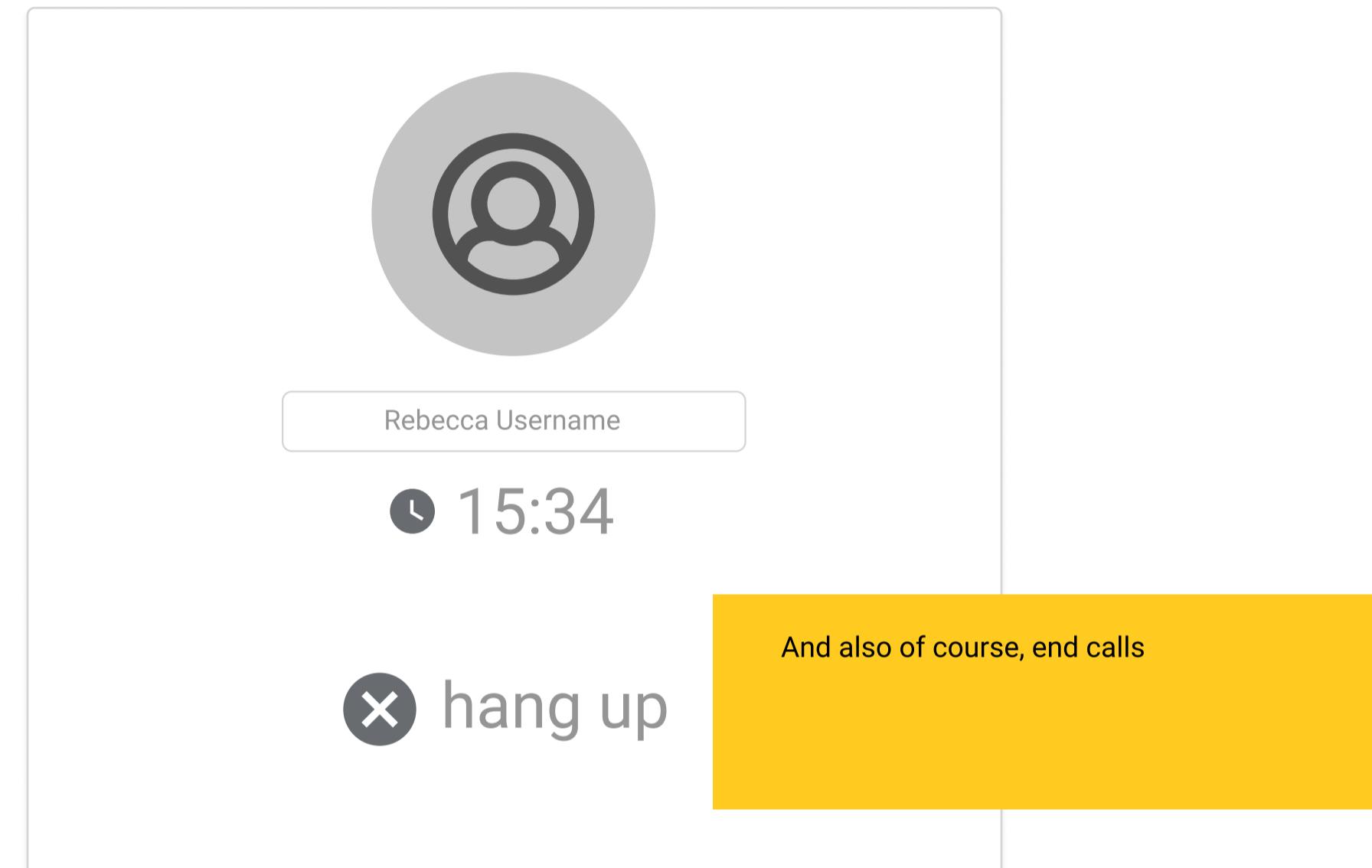
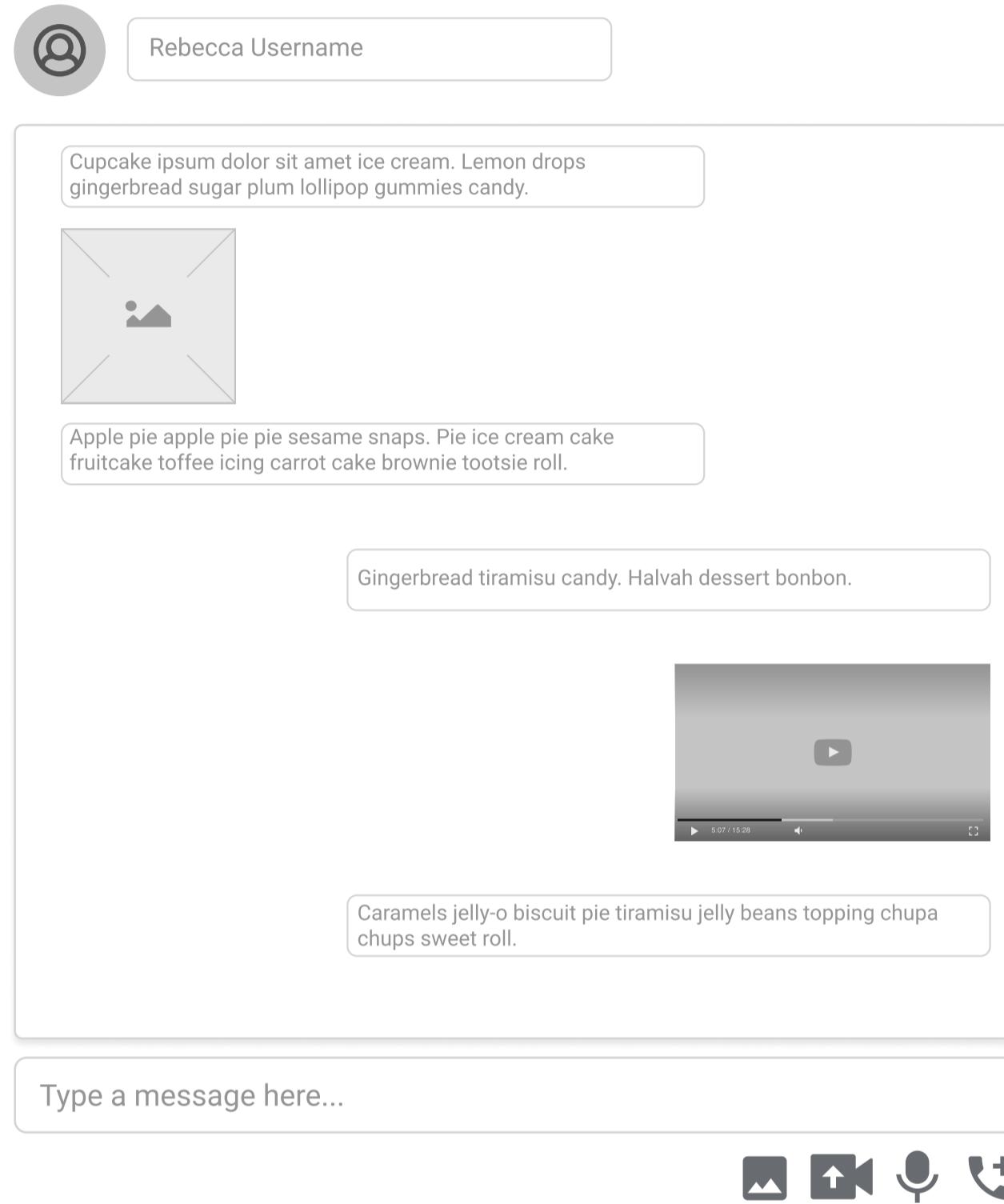
Type a message here...



You can also record and send audio

Send audio

Record





Rebecca Username

Joined January 1st, 1991

We can change the password

Change Password

enter new password...

confirm new password...

Submit



My Status

tap to add status update



Recent Updates



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM



John Username
Today, 8:00 AM

This is the status view when the logged in user has no status set



Rebecca Username

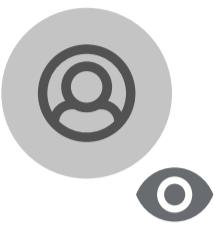
Joined January 1st, 1991

Account Options

Warning! This action cannot be undone. Are you sure you wish to deactivate your account?

Yes, I'm sure.

Deactivate the account



AT WORK!

tap to update status



Recent Updates



John Username

Today, 8:00 AM

The user here has a text status



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM

Too many unsuccessful login attempts. Your account has been locked for one hour.

Too many unsuccessful attempts and you will be locked out - click anywhere to proceed

 Search...

Contact suggestions

Aliou Stiga	Add	Dismiss
Ben Ten	Add	Dismiss
Chris C	Add	Dismiss

 **Rebecca Username**

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Add contact

Remove contact

Trevor Tom

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Aliou Stiga

Add contact

Remove contact

Lorem ipsum dolor sit amet, consectetur adipiscing elit...

Ace Ventura

Add contact

Remove contact

Marcus Rashford has been removed

Click anywhere to move along

Contact suggestions

- Ace Ventura Add Dismiss
- Ben Ten Add Dismiss
- Chris C Add Dismiss

 Taylor Doe

Taylor Doe

Lore ipsum dolor sit amet, consectetur adipiscing elit...

Add
contact

Remove
contact

Here we are searching for a new contact - we've searched for and found Taylor Doe

We can add Taylor by clicking on Add contact

Next, we will be moving on to message view



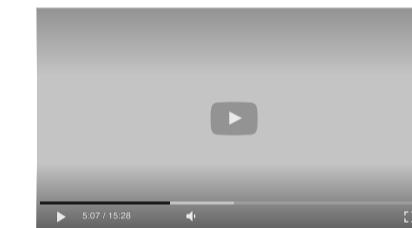
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...



! call was declined

And decline calls



Rebecca Username

Joined January 1st, 1991

Account Options

Change
Password

Deactivate
Account

Change Profile Picture

No file selected

Choose File

And update the avatar



My Status



tap to add status update



Recent Updates



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM



John Username

Today, 8:00 AM

We can set a new text status here



update status with text

Type a status message here...



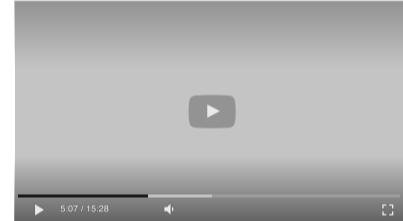
Rebecca Username

Cupcake ipsum dolor sit amet ice cream. Lemon drops gingerbread sugar plum lollipop gummies candy.



Apple pie apple pie pie sesame snaps. Pie ice cream cake fruitcake toffee icing carrot cake brownie tootsie roll.

Gingerbread tiramisu candy. Halvah dessert bonbon.



Caramels jelly-o biscuit pie tiramisu jelly beans topping chupa chups sweet roll.

Type a message here...

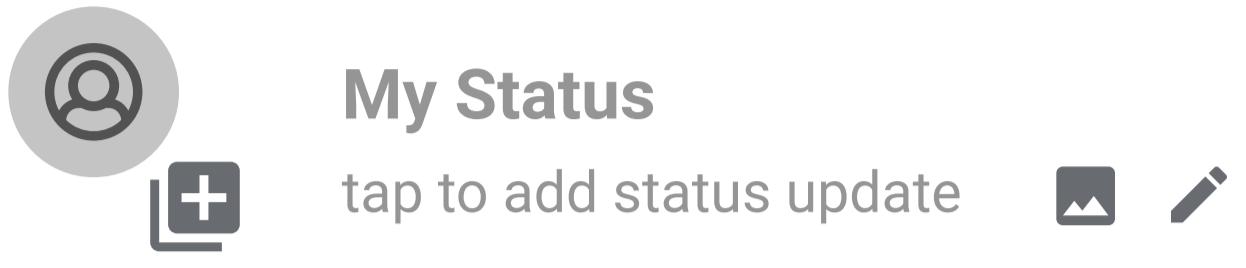
incoming call from...



Rebecca Username

accept decline

And accept calls



Recent Updates

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

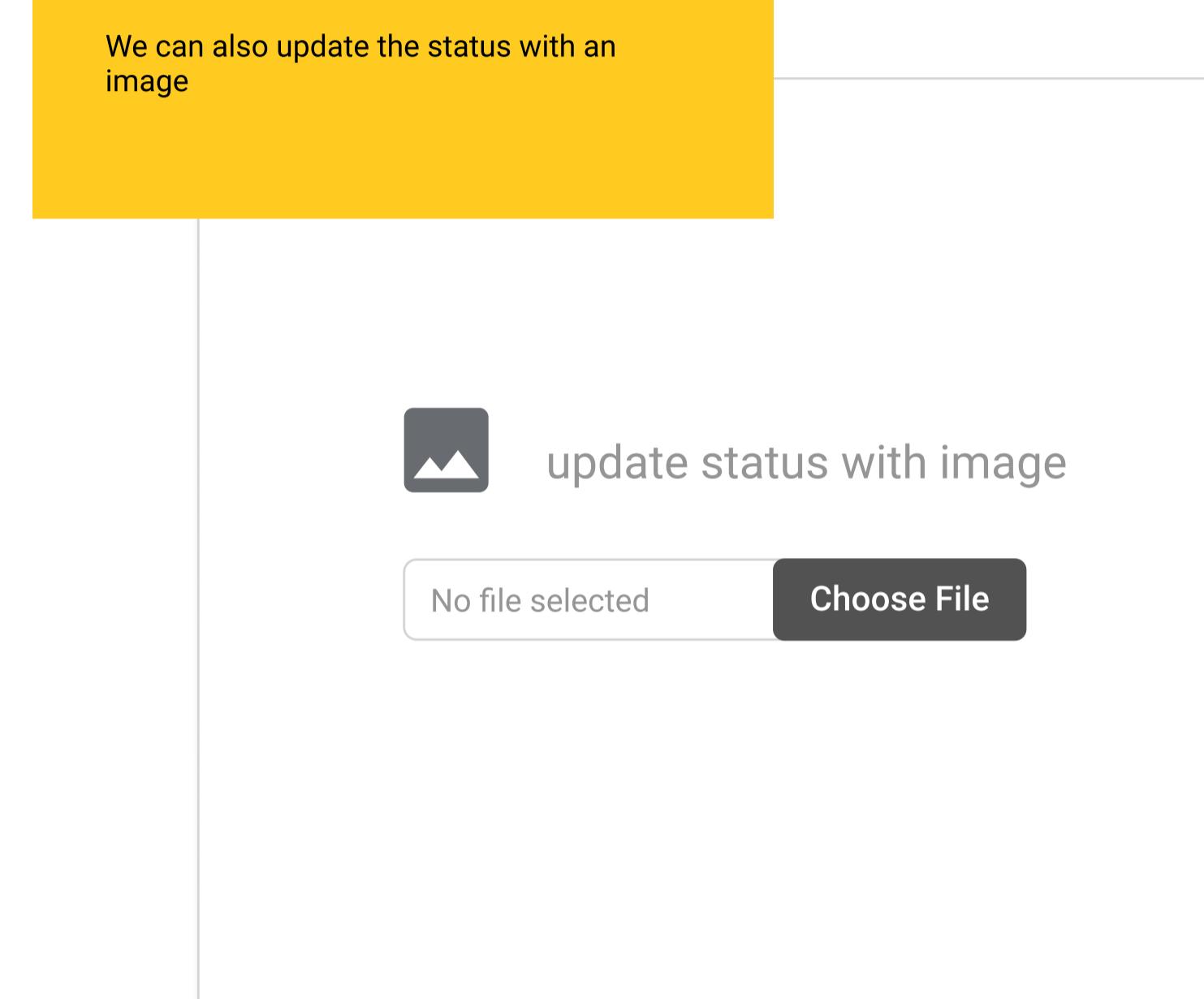
 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM



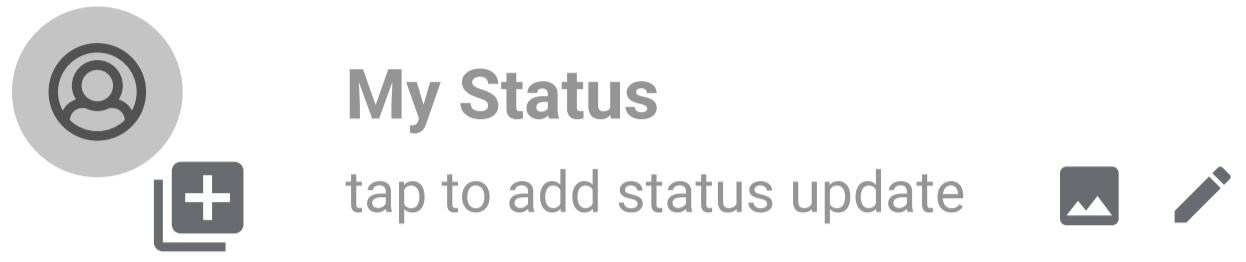
We can also update the status with an image



update status with image

No file selected

Choose File



Recent Updates

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

 John Username
Today, 8:00 AM

The statuses of other users can be
played here

(play status here)