

# Entities

## Account Type

### Account Type - Requirement

#### Motivation / Functionality description

Provide users the option to verify their account. The user will be able to modify his subscription by choosing whether he would prefer a free or paid subscription. If he selects the current subscription, he will be directed back to the page. Otherwise, he will be required to enter his card details or switch to a free account.

Users can verify their account by entering his personal information where the payment procedure will require the user to add their card details(CVV, card number, holder, date of expiration and an optional reason for choosing this verification) in order to have your account checked. The user will be informed whether the information he provided is correct or not (his card number must be of 16 digits and CVV must be of 3 digits). After submitting, a confirmation message will be shown to the user.

## Privacy Things

Functionality: Password Change

Requirements:

Main Idea: Implement a password change feature that requires the user's current password and enforces the same complexity requirements as during initial registration.

Password Change Form:

- Provide a form with fields for the current email, new password and confirm new password.

Error Handling

- Inform the user if the new password does not meet the required complexity criteria  
The user gets clear instructions on how to rectify errors and proceed with the password change process.

Successful Password Change:

- Redirect the user to the account settings page

Functionality: View and Edit Personal Details

#### Requirements:

Main Idea: Provide users with the ability to view and edit their personal details, including email, phone number, and date of birth, from their account settings.

#### Personal Details Section:

- Managing personal information.

#### Edit Personal Details:

- Updating the email address and phone number, with validation.

#### Date of Birth Edit:

- Enable users to modify their date of birth.

#### Error Handling and Feedback:

- The user is able to reinsert data that does not correspond to validation rules.
- Provide feedback confirming successful updates to personal details.

#### Functionality: Post Privacy

#### Requirements:

Main Idea: Enable users to customize the visibility of individual posts and hide the number of likes on specific posts.

#### Post Privacy Settings:

- Options to adjust post visibility and hide the number of likes.

#### Post Visibility:

- Allow users to specify who can view each post (public, friends only, custom).

#### Hidden Number of Likes:

- Enable users to hide the number of likes on a post.
- The number of likes is not displayed to other users when this option is enabled.

#### Functionality: Restricted Audience for Stories and Posts

#### Requirements:

Main Idea: Implement a feature allowing users to specify individuals who cannot view all of their stories, all of their posts, or both.

#### Settings Menu Sections:

- Managing restricted audiences: "Restricted Stories Audience," "Restricted Posts Audience," and "Restricted Stories and Posts Audience."

#### Restricted Audience Lists:

- Provide users with the ability to create and manage lists of individuals who cannot view their stories, posts, or both.
- Allow users to add and remove accounts from these restricted audience lists.

## User Login - Requirement

### Task description: - biblical GUI

In the beginning, the user will have to pick between the casual account and the business account.

When he chooses the casual account, he then will have to choose whether to sign up for an account or sign into an existing account.

If the user picks:

- 1) to sign up, he will enter his personal information, add a username for his account and choose a password. After that, the user will submit the information given above.
- 2) to sign in, he will enter his sign up information and submit

If the user already has an account, they can choose to go to the sign in page.

If the user wants to sign in but doesn't remember his password to his account, he can choose to reset his password. After choosing a new password and submitting his information, he will be redirected to his profile, logged into his account.

## PROFILE INFO-REQUIREMENT

### Main idea:

The main focus is on user profiles, including profile picture, biography, contact information, work, places, and interests. Users should be able to edit their profiles easily.

Profile Info Layout:

1. Profile Picture

2. Profile Details

-Username

-Verification Tick

3. Settings:

User can view extra info or log out.

User can add highlights and posts in different formats, video, photo or text.

#### 4. More About Me:

User can input: Date of Birth, Contact Info (phone/email), Studies, Hobbies, Music, Places, Work.

This information can be edited.

#### 5. Followers/Following Counts:

The user can view the Number of followers

The user can view the number of following.

#### 6. Description:

Area for user-provided description, including: text, links

Description can be modified

## **Fancier Profile -Requirement**

Implement extra things (highlights, links, daily motto, frames) on the users profile for a more enjoyable user experience. These are optional, the user can choose to add them to their profile one at a time.

### **1.Highlights**

The user will be able to have “highlights” of the posts. This functionality will be displayed on the user’s profile page. The user can add a new highlight, which will be named by the user, whether the user already has any previous highlights or not. Inside the highlight the user can add different posts.

A highlight will contain:

-optional name(by default it will have the following format:  
Highlight\_CurrentNumberOfHighlight)

- **cover picture** (by default it will be a random picture from the set of posts from that highlight)

- all the posts that are selected by the user

Each highlight will be represented by an image of a post in that highlight. When accessing the highlight through its representation, the entire highlight can be seen.

When creating a new highlight the user will have the option to choose a name and select some of their pictures to add, The user can also select one post to be the representation. If one is not selected, the first selected post will be made the cover. Changes are saved.

After that, the new highlight will appear with the others, and can be seen by anyone.

## **2.Links**

Each user can input at most 2 internet links, and add them to their profile. They will be seen by whoever visits the profile below the user's biography field, above the highlights. Not adding a link is also an option, in which case no links are saved or shown in the user's profile. Data validation is needed to check if the links have the format [www.](#) or [https://](#) The user will then have the option to save the written link(s) to their profile. Only if the link(s) is saved by the user will it be seen. If the user does not select the save option, no changes will be seen nor saved.

## **3. Daily Motto**

The user has the option to add a motto. They can create their own.

The user will then have the option to save the written/chosen motto to their profile. Only if the motto is saved by the user will it be seen. The selected/added motto is going to be shown in bold for 24 hours in the users' description. After 24 hours, the description goes back to normal, and the motto is not remembered anywhere. The user can change their motto and save a new one. Only if the user saves the new motto is the motto changed.

## **4. Frames for profile pics**

While accessing the edit profile function, the user will be able to add a frame. The frames are embellishments to the user's profile picture, with text such as: #openToWork, #fun, #married that the user can choose from. One of the frame options will undo the previously added frame. The user will see the possible frames and have the option to select one and save it to their profile photo. Not saving the selected frame and exiting will result in no changes being made. This option is only available to profile photos. When saving a frame, it will be added and will remain as it is on the user's photo until they choose to discard it .

## **Statistics**

Main Idea:

-time spent on the app

-streaks

-posts you've liked

## Functionality description

- 1) User will have 3 different options:
  - a) **Liked Posts from other users**: all liked posts are displayed, user can choose to display liked videos or liked photos by the current user.
  - b) **Time Spent on the App**: visualizing how much time did the user spend on the app today, how much he spent on average today, this week, month
- 2) **Streaks**: Users will be able to see an icon representing the level of friendship between them and the top 5 users they interact the most with.
  - a) They will also know the number of consecutive days in which the user and its friend texted each other.

## Profile Social Network Info

### Main Idea:

-groups: display/maintain a list of groups that the user is in

-blocked accounts: display/maintain a list of all the accounts (user) that the actual user blocked

-switching into private / public account

(these features will all be available inside "Settings & privacy" section)

-close friends: display/maintain a list of close friends of the actual user (this feature will have its separate section)

## Motivation / Functionality description / Current situation:

ex:

User will be allowed to see all his close friends / blocked users and groups that the actual user belongs to. The user is also able to switch his account from private to public or vice-versa.

Other options: see usernames (in case of stories / posts restrictions or blocked accounts), group names (links to the actual groups), also the user is able to switch between a public and a private account.

For every feature:

- 1) Blocked accounts contains:
  - all the usernames that are blocked by the connected user
  - user is able to add an username (by searching by the username, then the changes must be saved)
  - removing the user
- 2) "Groups" contains:
  - the name of each group (groups are sorted by group name)
  - user is able to see all the users from one specific group
  - user is also able to join a group (by searching for the group name)/
  - user is able to create his own group
- 3) Public / Private account switch option
  - using this option, user is able to turn his account on public (any user can see the connected user's profile) or on private (other users that do not follow the connected user can not see his profile)
- 4) Close friends: available inside its own section (Close Friends)
  - searching for your friends, by username
  - each username (friend) is visible and the user can choose the accounts that will belong to close friends. User can update the close friend status .

## Friends Stuff

### Main Idea:

- see who visited your profile
- profile filtering (posts/friends)
- sync contact with friends

### Friends stuff - Requirement

Motivation: enable user to manage friends, sync contacts and to see who visited their profile.

Task description:

- 1) **Enable user to filter a post by going to that specific post and being able to choose which friends can not see it. They can search for friends here too.**
- 2) Enable user to sync contacts. The contacts will appear below and the sync will happen after choosing to make this action.
- 3) Enable user to see the list of friends who visited their profile.