

# Screen Sketches

Film Finder Project

By Group UG 42

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## Actors

1. Guest users: Have the privilege to:
  - Look at posts
  - Search through movie database
  - Search through accounts
  - Look at movie ratings
2. Average users: Have the same privileges as guest users in addition to:
  - Create posts
  - Rate movies
  - Add/connect with friends
3. Verified users: Have the same privileges as verified users in addition to:
  - Verified tab to see what other verified users post
  - Chat room to communicate with users
  - Verification symbol on profile
4. Editors: Have the same privileges as verified users in addition to:
  - Remove/ban users
  - Add/remove movies

## **Non-Functional Requirements**

- The application must be able to load the list of all movies to the user within a second of the user's request of the movies database.
- The application must support a minimum of 3 active users.
- The application must be easy to navigate, making it convenient for users to search for movies, rate movies, connect with friends, etc.
- The user should not wait more than 5 seconds for a post to post on the app.
- The app should constantly be growing its database of movies as new movies are released. Movies should be added at least 24 hours later.
- The user should be able to filter their search for movies, such as searching for a movie with a specific movie genre, actor, director, etc.
- We will make it a priority not to have much downtime for users.
- If a bug or error occurs in the code, it will be fixed promptly to ensure users have a good experience with the app. The app will be changed to adapt to users' needs/feedback, and the styles of the app may evolve over time.

## Tables and Fields

- Data of movies will be imported from LetterBoxd's API
- One-to-One
  - user and user information; each user is associated with one user\_id, user name, user password, user email, etc.
  - friend and friend information; each friend is associated with one friend\_id and user\_id.
  - movie and movie information; each movie is associated with one movie\_id, movie title, genre, description, overall rating, etc.
  - post and post information; each post is associated with one post\_id, content, and rating.
  - post information and user; each post is associated with one user, and each post contains a post\_id, contents, and rating with the post.
  - permission and user; each user is associated with one permission.
  - message and user; each message is associated with one user
- One-to-Many
  - one user is associated with many posts.
  - user and friends; each user is associated with many friends.
  - friend and users; each friend is associated with many users.
  - user and messages; each verified user has many messages.
  - permission and user; each permission is associated with multiple users.
- Many-to-Many: user rates movie → post of movie rating ← movie information
  - The user rates the movie, each user has their own username, screenname, etc.
  - Post of movie has a post\_id, contents of the post, and movie rating.
  - The movie is with a movie\_id, title, description, etc.

- Many-to-Many: many friends to many users; many users to many friends
  - Many users have many friends.
  - Many friends have many friends (users).

## Tables and Fields (Database)

User: Tracks information related to a user's account

- User\_ID - "id" –Primary Key
- User name - "name"
- User Email - "emailId"
- User password - "password"
- User username - "username"
- Profile picture - "userPicture"
- Permission\_ID - Foreign Key

Friend: Tracks information about User's friends

- Friend ID - "friend\_id" –Primary Key
- User\_ID - "user\_id" –Primary Key

Posts: Posts from a specific user and the details of it.

- Post ID - "id" –Primary Key
- User\_ID - Foreign Key
- Movie\_ID - Foreign Key
- Post contents - "contents"
- Post movie rating by user - "rating"
- Post date - "date"

Movie: Keeps track of movies rated by a specific user.

- Movie ID - "id" –Primary Key
- Movie Description - "movieDescription"
- Movie Genre - "movieGenre"
- Movie Director - "movieDirector"
- Movie Actor - "movieActor"
- Movie Rating - "movieYear"
- Movie Title - "movieDescription"
- Movie Year - "movieYear"
- Movie Picture - "moviePicture"

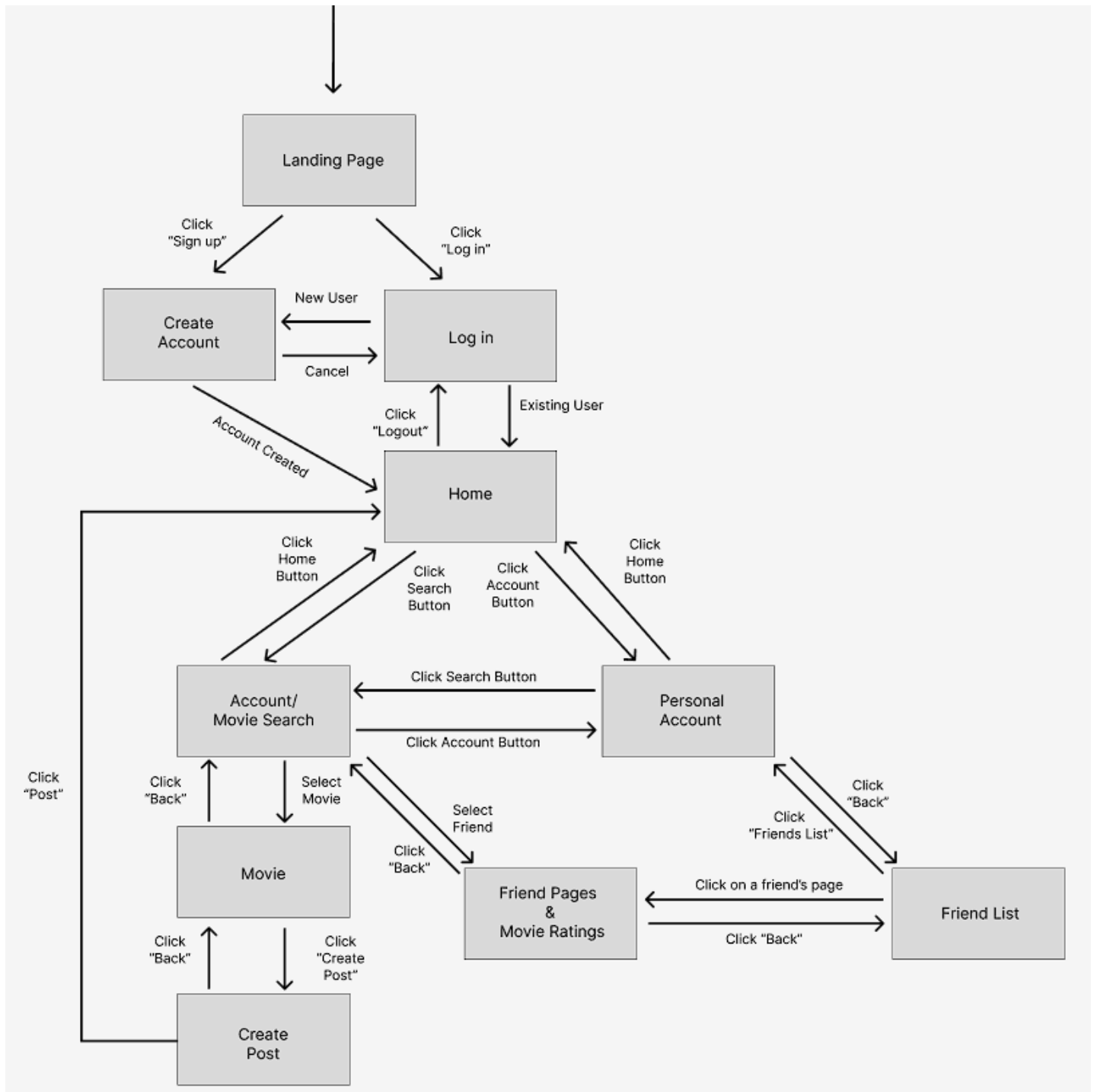
Permission: Determines the level of access and status a user has.

- Permission ID - "id" –Primary Key
- Permission status - "status"

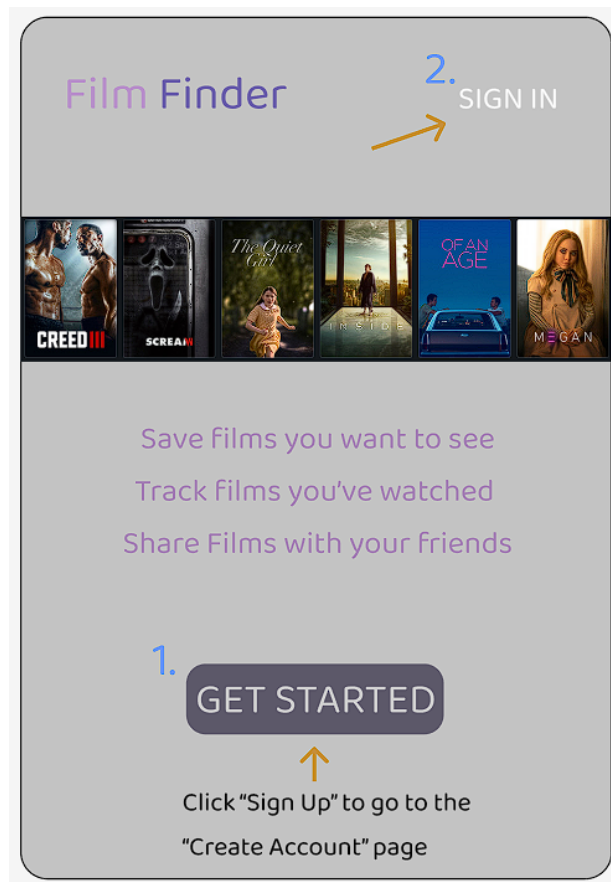
Message: Verified users have the ability to message other verified users.

- Message ID - "id" –Primary Key
- Message contents - "contents"
- Message date - "date"
- User\_ID - Foreign Key
- Friend ID - Foreign Key

# Screen Flow Diagram



## Screen Sketches - Landing Page



This is the first page a user sees upon accessing the app. This page is configured to log in or register as a member, along with a description of the application.

(1) The "Get Started" button is a member registration button. This button will take you to the member registration page so first-time users can register as members. (2) The "Sign In" button is a login button. This button will take you to the login page so that members with an account can log in.

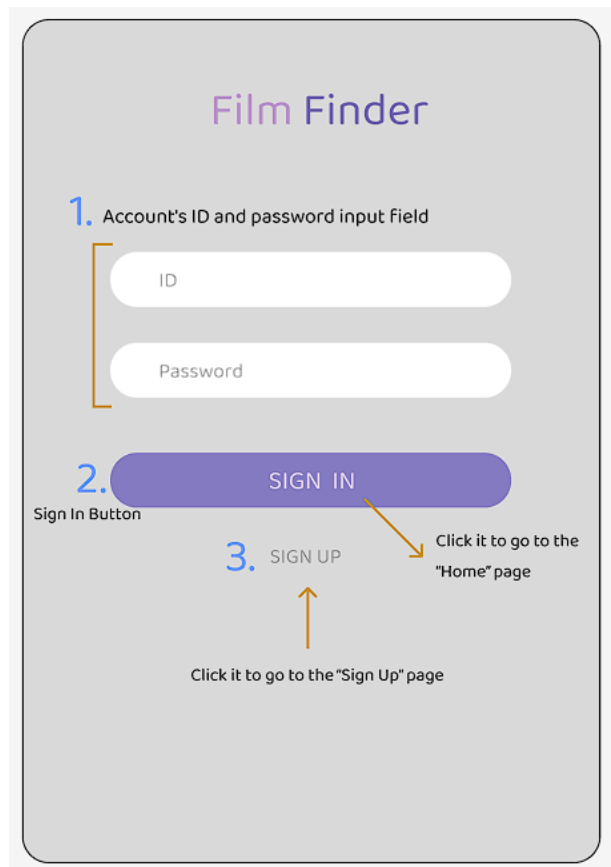


## Screen Sketches - Create an Account

This page is a member registration page. This page allows new subscribers to create an account for future use by entering five pieces of information. To get to this page, the user selects “Get Started” from the landing page.

(1) Those inputs are member information and ID/PW input fields for membership registration. (2) When valid member information for membership registration is entered, an account is created with the Sign Up button. After that, it will take users directly to the home page. (3) As a button for members who already have an account, clicking the "I already have an account" button will take you to the login page.

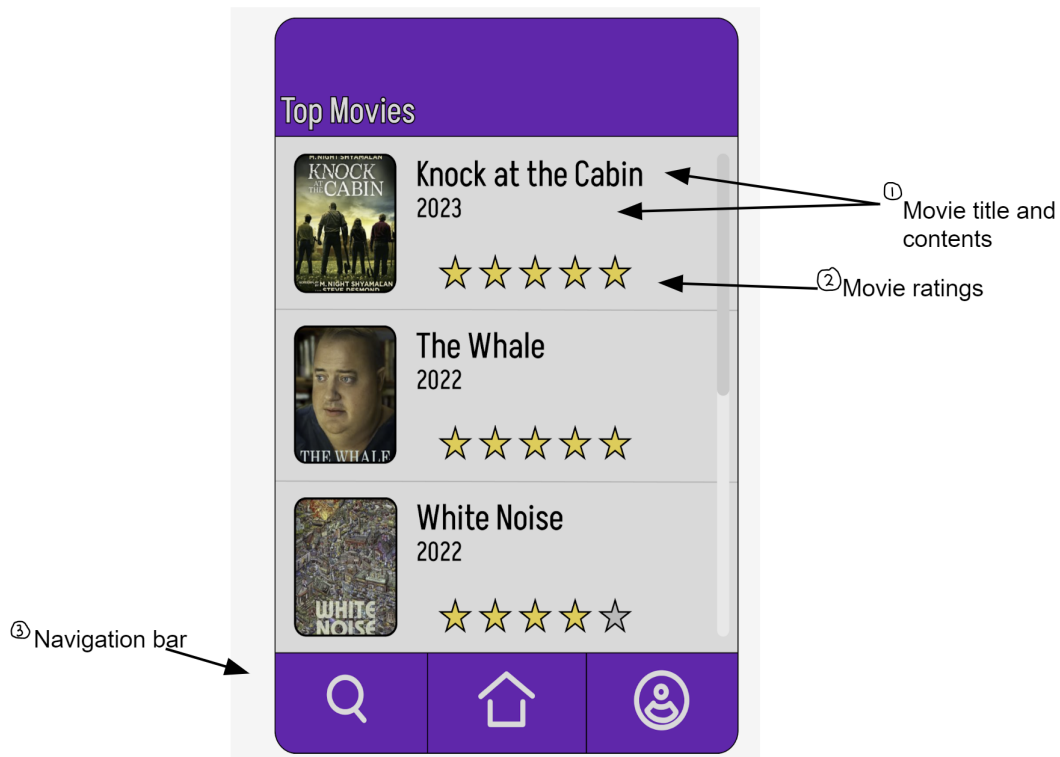
## Screen Sketches - Login



This page is the login page. This page allows users to access their accounts by entering their ID/PW. To get to this page, the user selects “sign in” from the landing page, or “I Already Have An Account” from the create an account page.

(1) This is an input field to enter the user's ID/PW. (2) If the user's information exists in the database and the account is valid, click the "sign in" button to go to the home page and check the user's information. (3) If the user does not have an account, click the button to go to the "Sign Up" page.

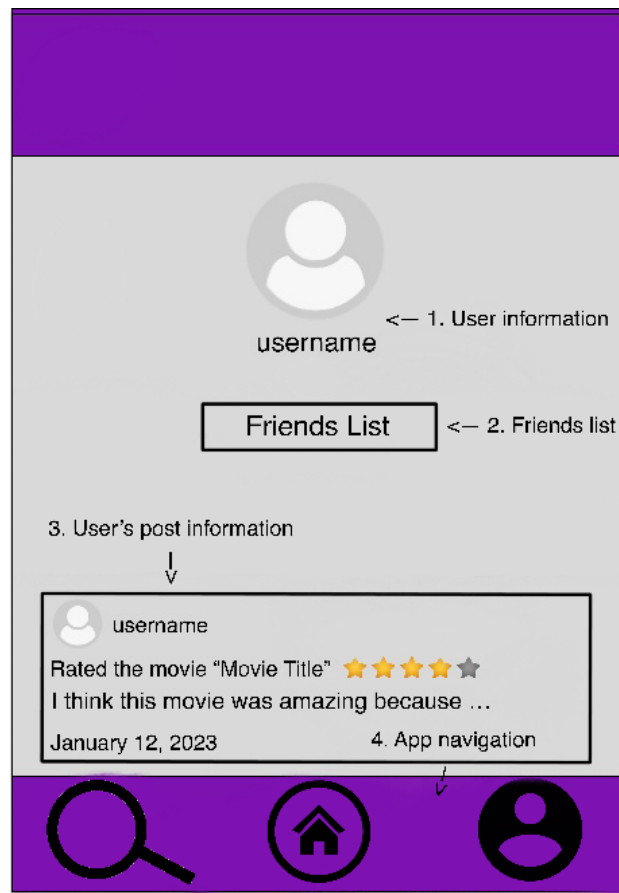
## Screen Sketches - Home



This is the homepage of the app, which allows the user to view the current top rated movies along with their ratings and information. It also has a navigation bar at the bottom that gives them the option of going to the movie search page and personal account page. To get to this page, the user selects the home icon from the bottom navigation bar.

(1) is the Movie, along with its information. (2) is the rating that corresponds to the specific movie. (3) is the navigation bar that the user can choose to move to either the movie search or their personal account page.

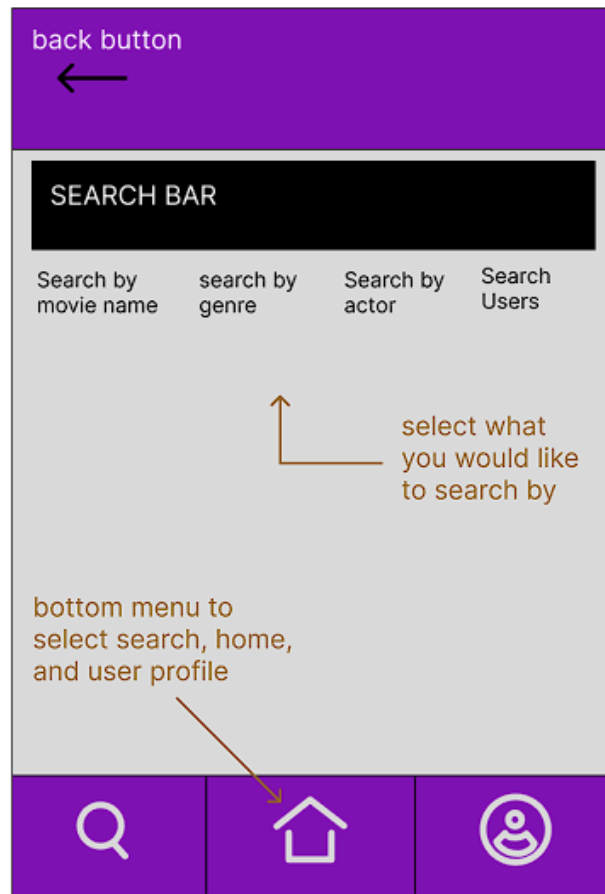
## Screen Sketches - Personal Account



The profile page allows a user to see their information, such as their profile picture, username, and posts. It also allows for toggling between app pages. To get to this page, the user selects the account icon on the bottom navigation bar.

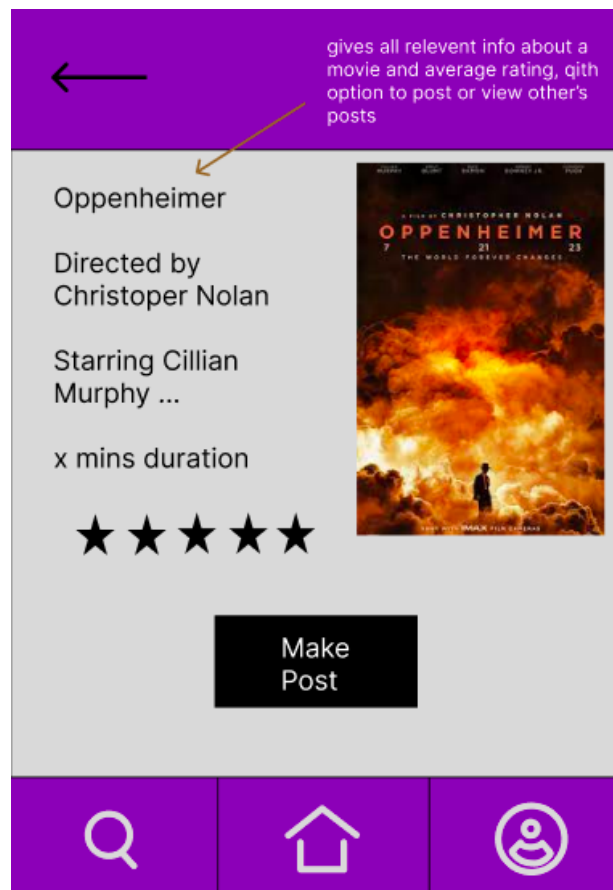
(1) is the user information which contains the user's profile picture and the user's username. (2) is the friends list which directs the user to a list of all their friends. (3) contains all of the user's posts, which consists of the title of the movie they have rated, their overall rating of the movie, the post's contents, and the data the post was created. (4) is app navigation that allows the user to toggle between the different screens of the app, such as the search icon to search through the database of accounts/movies, the home icon to return to the home page, and the user icon which is the current page.

## Screen Sketches: Account/Movie Search



This page comes from clicking on the magnified glass from any page. It's purpose is to search for a certain category such as the movie which will take you to the movies which those keywords, genre which will return the relevant movies in that specific genre. Searching by actor will give the movies that that actor has starred in. User search will search for other users in the app that you can interact with and become friends

## Screen Sketches: Movie Screen



The movie screen will be returned after clicking on the poster for it from the home page or from the resulting search page. The screen displays the poster and important information about the movie such as the cast, the director, the duration and average audience rating out of 5. You also have the option to make a post to write your own review of the movie and give it a rating.

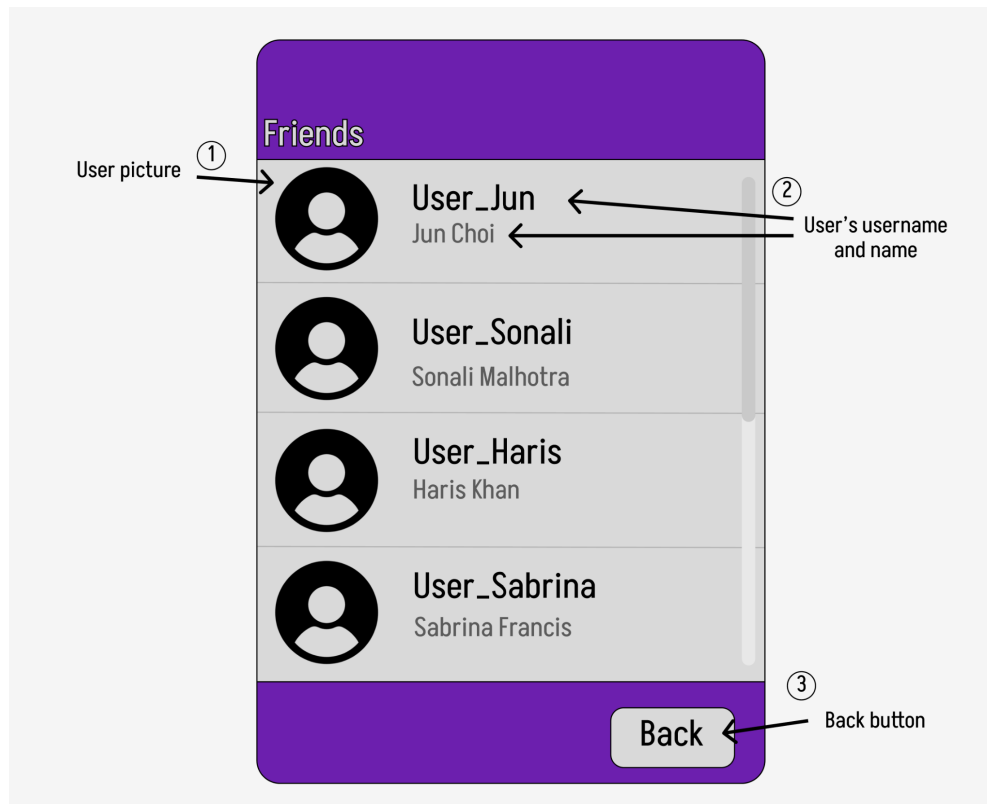
## Screen Sketches: Create a Post



This screen allows the user to create a post to rate a movie. The user can rate the movie out of 5 stars and write a description on their thoughts of the movie. To get to this page, the user selects the “create post” button on the movie page.

(1) is the back button which exits the user from the post creation page and returns the user back to the movie page. (2) the post button publishes the post to the home screen/user’s profile, making it visible to everyone. (3) contains the description of the movie, such as the movie’s film poster, title, and year the movie was released. (4) is the date the post was created. (5) allows the user to rate the movie out of 5 stars. (6) is the contents of the post, where the user can share their thoughts on the movie.

## Screen Sketches: Friends List

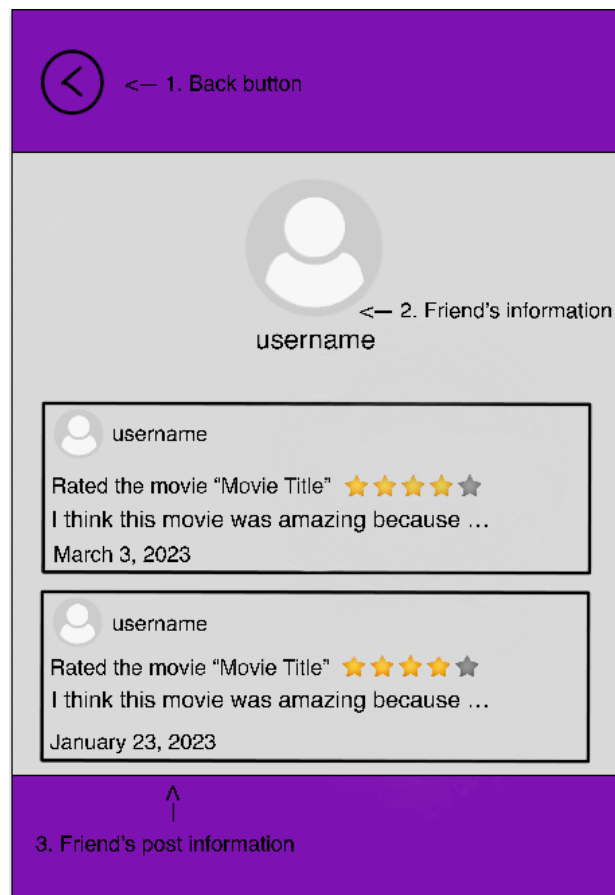


The friends list page shows all of a user's friends that they have added and allows them to click on a user and view their profile and movie rating posts. To get to this page, the user selects "friends list" from the account page.

(1) Is the picture that corresponds to the user's account. (2) is the user's username and name to their account. (3) is the back button that takes the user back to their account profile.



## Screen Sketches: Friend Page



The friend's page allows a user to see the information of their friend, such as their username and movie rating posts. To get to this page, the user selects their friend's account from either their friends list or on the movie/account search page.

(1) is the back button which exits the user from their friend's page and returns the user to either the friends list or the account/movie search. (2) is the friend's information which contains the friend's profile picture and the friend's username. (3) contains all of the friend's posts, which consist of the title of the movie they have rated, their overall rating of the movie, the post's contents, and the date the post was created.