

Screen Sketches

LM-303

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Movie Magnet

Actors:

- PG
 - Who are they?
 - Users under the age of 13
 - What privileges do they have/what do they have access to in the app?
 - These users only have access to view PG-rated movies.
 - They can chat with PG and PG-13 users but not R users
- PG-13
 - Who are they?
 - Users between the ages of 13 and 17
 - What privileges do they have/what do they have access to in the app?
 - These users are able to view PG-13 and PG rated movies
 - They can chat with PG and PG-13 users but not R users
- R
 - Who are they?
 - Users above the age of 17
 - What privileges do they have/what do they have access to in the app?
 - These users have access to view all movies with no restrictions.
 - They can chat with other R users only
- Admin
 - Who are they?
 - Administrative users with higher privileges
 - What privileges do they have/what do they have access to in the app?
 - View tickets for issues with the apps by users
 - Refresh content
 - Admins can communicate with user, so long as that user has an active support ticket

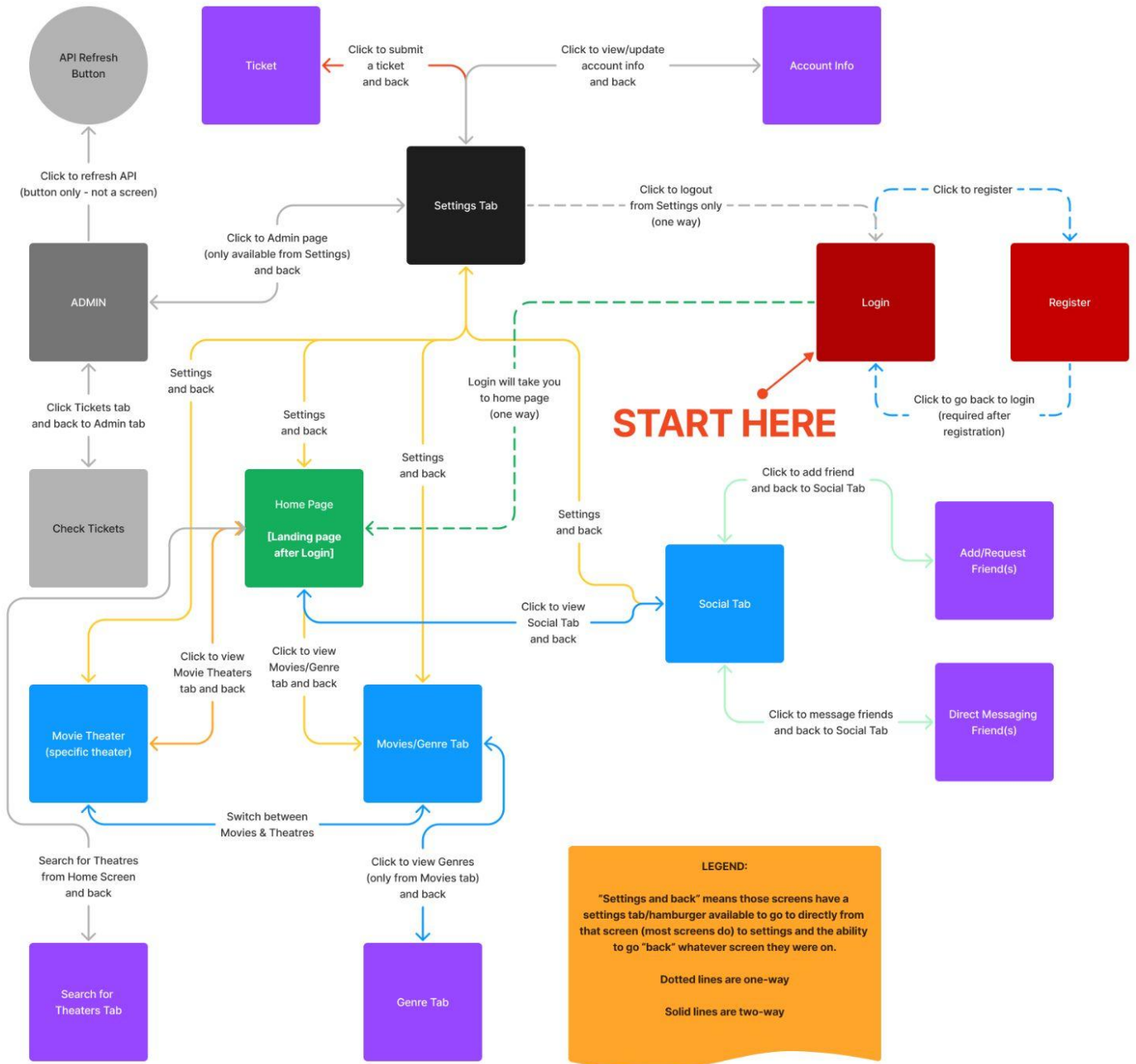
Non-Functional Requirements:

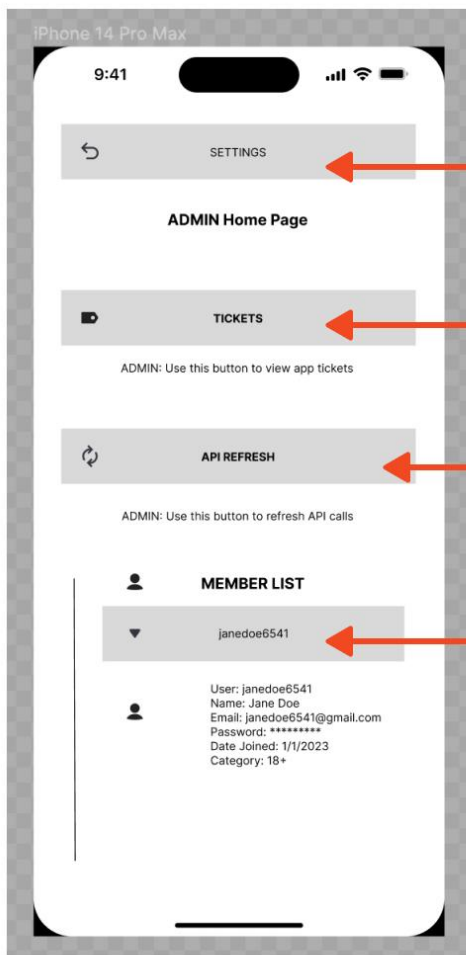
1. The application will not leak information about its users, sensitive information includes exact age, password, contact information, friends.
2. The application will present reliable and up-to-date information and the system will stay online, users will be able to submit a ticket and Admin users will be able to view tickets.
3. The application will only allow the same categories of users to talk to each other, for example: a PG rated user cannot chat with an R rated user (child safety).
4. The user should not have to wait for longer than 0.5 seconds for any UI element to respond.
5. The application must support a minimum of 5 active users.
6. The application will not allow communication if the two users are not friends.
7. Within the application, the layout should feel smooth for the user to navigate

Tables and Fields:

- **Users** : Tracks information related to a user's account
 - User name
 - User age
 - Friends of user
 - User login
 - User password
- **Movies** : Tracks information related to the current movie showings
 - Movie name
 - Movie rating
 - Movie genre
 - Actors
 - Director
- **Theaters** : Tracks information related to movie theaters
 - Theater name
 - Theater location
 - Current movies
 - Current Showtimes
- **Chats** : Tracks information for the chat feature
 - Message
 - Status (Read/Unread)
 - Sender
 - Recipient

Movie Magnet App - Screenflow. Developed using Figma Jam.



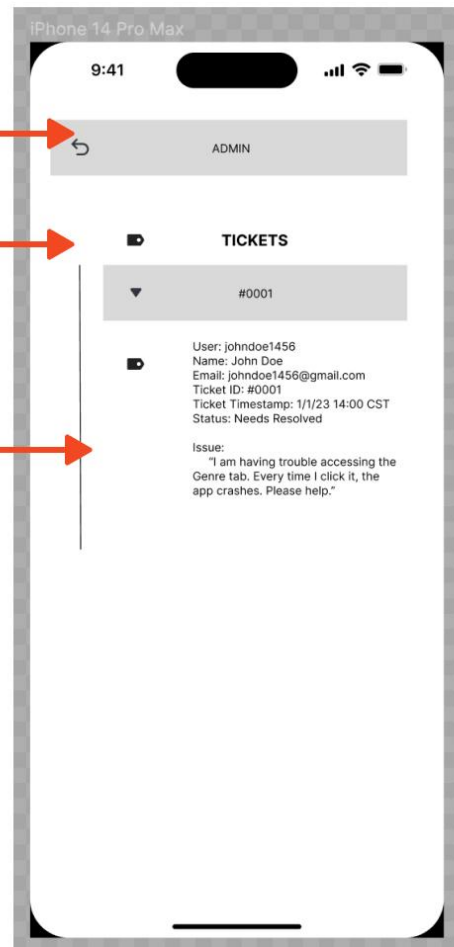


1. Admin Home page, only accessible from Settings, can click to go back to Settings
2. Click this tab to view any current tickets from users of the app
3. Click this button to refresh any new API calls devs made to update the app
4. Member list, can click the drop down to view user names, can click on different user names to see info: username, name, email, password(?), date joined, category assigned

5. This is a tickets window, within the Admin page, click to go back to Admin

6. Tickets drop down, listed by ticket #

7. Ticket info, including: username, name, email, ticket ID #, timestamp, current ticket status, and an issue that the user provides via text box



Both Admin pages were made using Figma by:

Nick McCullough

Screen Sketch 1

Name of the screen: Admin Home Page

Developed by: Nick McCullough

Purpose (summary of what it does): a page for Admins to do Admin stuff, view member list, refresh API, click to view tickets tab

Loading event (how to get the screen): this is only accessible if you are an Admin user, and it's accessible from the settings menu. You can click to go back to settings from the Admin Home Page.

Interface items (literally what do the users do here):

- If an admin user wants to view a certain member, they would go to the member list (sorted by user names) and it would list the following information: username, user's actual name, email, password (potentially? Maybe not for privacy), date joined, and category they are assigned depending on their date of birth.
- Separately, if the devs are making updates to the app or any APIs, and they want to manually refresh within the app, they go to the Admin home page, and click the "API Refresh" button.
- If the admin user wants to check any outstanding tickets through mobile (using the app) they can go to the Admin Home Page. From there, they click the "Tickets" tab, allowing them to go to the Tickets screen, which will be described below.

Screen Sketch 2

Name of the screen: Tickets

Developed by: Nick McCullough

Purpose (summary of what it does): Allows admin users to view tickets submitted by users

Loading event (how to get the screen): click the "tickets" tab in the Admin Home Page

Interface items (literally what do the users do here):

- From the Admin Home Page, an admin user will click the "Tickets" menu, sending them to this page
- This page contains a dropdown, sorted by ticket #, which is assigned to the user upon submitting a ticket. The ticket #s are sorted from lowest to highest. From the drop down, the admin user can scroll to see each ticket.
- Upon selecting a ticket, the ticket # will be displayed on the drop down tab, and the following information will appear below: Username, user's actual name, email, Ticket ID#, Timestamp the ticket was created, a potential title provided by the user (unsure if including this or not), and a description of the issue the user is experiencing. An example is provided above.



Numbers are only for description, not a part of the actual screen design

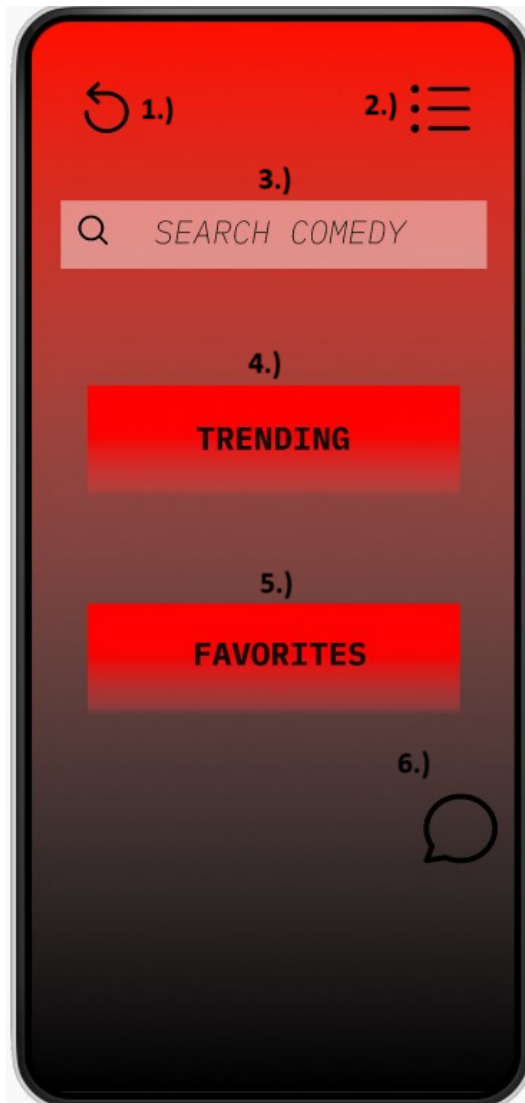
Name of the Screen Sketch #1: **Movies/Genres Screen**
Developed by: **Ethan Griesman**

Purpose: **To allow users to select which genre of films they are interested in, or search by movie title or actor/director name.**

Loading event (how to get the screen): **Navigating to the Genres screen can be achieved through either swiping or pressing right from the Home screen, or left from the Settings screen.**

Interface items (literally what do the users do here):

- 1.) **Home tab** - Users can navigate back to the Home screen from this page through either swiping or selecting the grey home tab.
- 2.) **Movies/Genre tab** - Grey tab will turn black when the user is in that selected screen. The main genre hub page will display the most popular genres of movies to search from. Additional, lesser known genres may be accessible in later implementations.
- 3.) **Social tab** - Where users can view their friends, direct messages, add friends, and remove friends. Described in detail below.
- 4.) **Settings icon** - Within every screen of the app, the user will have the ability to navigate to the Settings page by selecting the settings hamburger icon at the top right of the screen. Described further in Settings screen sketch.
- 5.) **Movies/Genre search bar** - Within the main Movies/Genre hub, users can search only by Movie title across any and all genres. Additionally, users will be redirected to a separate page where they may search according to actor or director independent of movie genre.
- 6.) **Genre tabs** - Color coded tabs that can be selected to direct the user to an individual screen dedicated to particular genre. Each genre will have its own screen that will follow the same format (described in sketch below).
- 7.) **Chat icon** - Allows users to chat with friends in various pages of the app. Moveable icon that can be dragged across the screen.



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Name of the Screen Sketch #2: **Comedy Genre Screen**

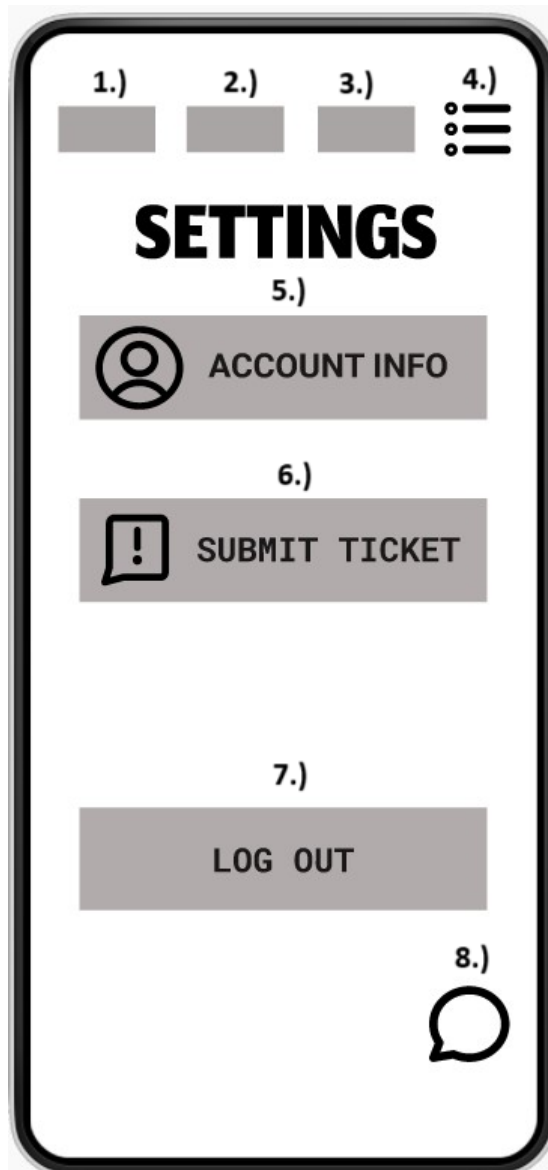
Developed by: **Ethan Griesman**

Purpose (summary of what it does): **To allow users to view Trending Movies within the Comedy genre, as well as movies they have favorited within the genre**

Loading event (how to get the screen): **Each genre will have its own color coded screen that can only be accessed through the main Movies/Genre hub.**

Interface items (literally what do the users do here):

- 1.) **Back icon** - Once a user has selected a genre they would like to search within, they will have the option to select this back arrow icon to be redirected back to the Main Movies and Genre page with the full selection of genres
- 2.) **Settings icon** - Within every screen of the app, the user will have the ability to navigate to the Settings page by selection the settings hamburger icon at the top right of the screen
- 3.) **Search Comedy bar** - Once a user has entered an individual genre page, they will have the ability to search within that genre and locate movies.
- 4.) **Trending tab** - Users can view which movies are currently trending in that specific genre within their country or globally.
- 5.) **Favorites Tab** - Users will have the option to either save/favorite movies within a genre they would like to watch later, or favorite directors or actors within that genre.
- 6.) **Chat icon** - Allows users to chat with friends in various pages of the app. Moveable icon that can be dragged across the screen.



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Name of the Screen Sketch #3: **Settings Screen**

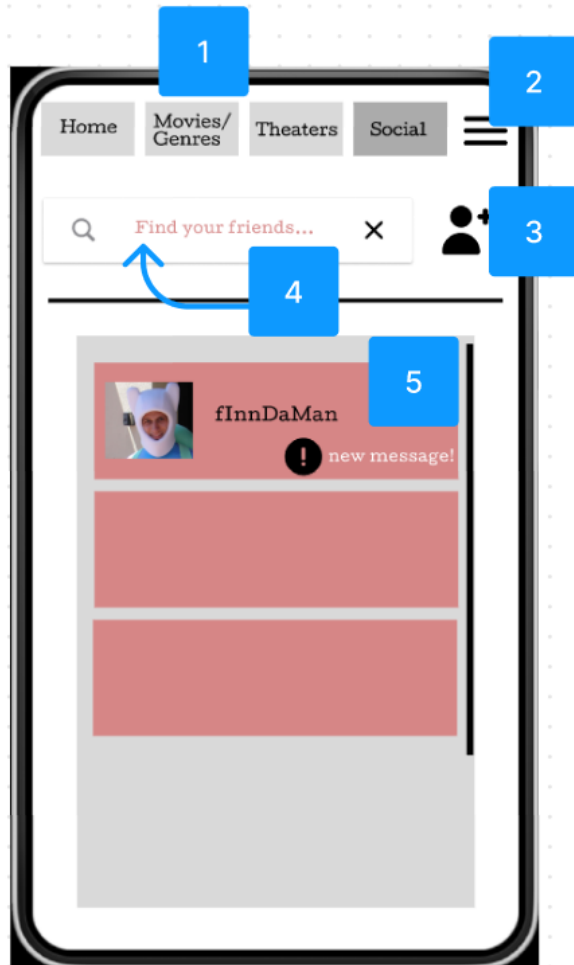
Developed by: **Ethan Griesman**

Purpose (summary of what it does): **To allow users to check their account info, submit an issue ticket to an administrator, or log out of the app entirely.**

Loading event (how to get the screen): **The user will be able to navigate to Settings from any screen within the application by selecting the icon**

Interface items (literally what do the users do here):

- 1.) **Home Button** - Users will be able to slide or press this button to navigate to the home page from any other page within the app.
- 2.) **Movies/Genre screen** - Users can navigate to the Movies/Genre page from Home or Social screens.
- 3.) **Social screen** - Similar to (1) and (2), users will be able to navigate to the Social screen which is described in detail in the sketches below.
- 4.) **Settings icon** - Once in the settings page, users may exit settings by clicking the hamburger icon at the top right and return to the last page they were navigating.
- 5.) **Account Info button** - Users may select this button to view information about their account, such as their birth date, their username, and their email address.
- 6.) **Submit Ticket button** - If users encounter issues with the app, they can select this button to be redirected to a form they can fill out to be sent to administrators for further analysis
- 7.) **Log out button** - Users can log out of the app entirely by selecting
- 8.) **Chat icon** - Allows users to chat with friends in various pages of the app. Moveable icon that can be dragged across the screen.



Title: Social Tab

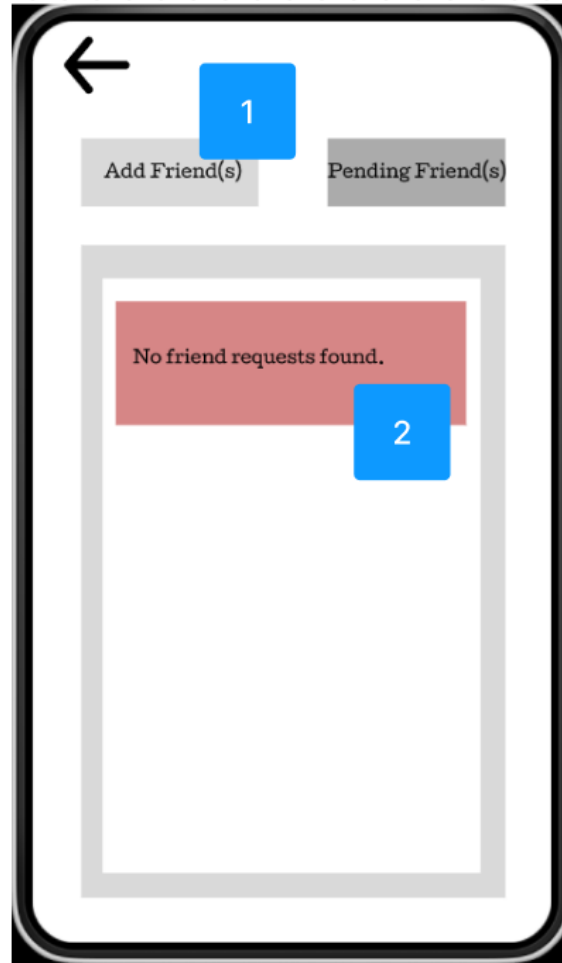
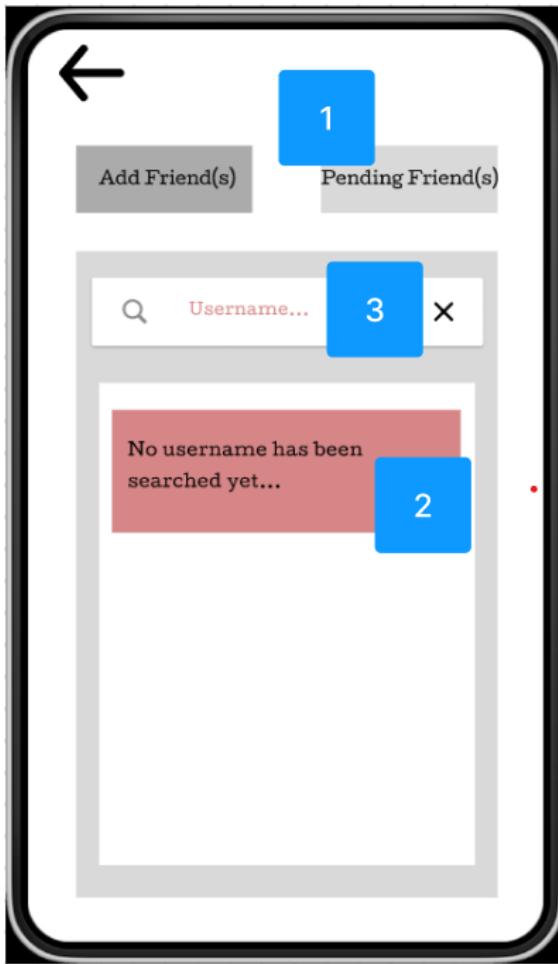
Developed By: Lev Schaul

Purpose: For directly messaging friends within the app and for easy invites to specified/agreed movie-watching times.

Loading Event: The user will have two ways to access this screen: swiping left from the Theaters Tab or clicking on the Social button at the top of the screen.

Interface Items:

- 1) Tab buttons - They can be clicked by the user to instantly move to another tab's screen. Another way to navigate is by swiping.
- 2) Settings button - The user clicks this button to look at account-related needs and other functions.
- 3) Add Friend button - The user clicks this button to be led to the Add/Accept screen.
- 4) Friend Search input - Once the user inputs their friend's username and clicks the magnifying glass, the friend that they searched for will appear below.
- 5) Friend Message button - Each friend the user has will be found here. The user will be able to scroll through this page to find them as well. Clicking on the Friend Message button will send the user to the Direct Message with a Friend screen.



Title: Add/Accept Friends

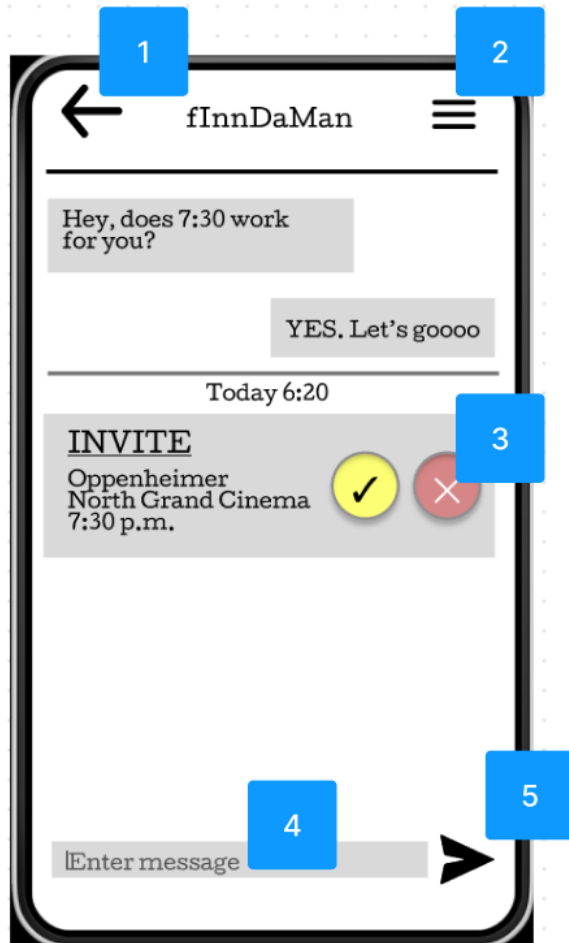
Developed By: Lev Schaul

Purpose: It is for users to add friends for direct messaging and for them to see and accept friend requests.

Loading Event: On the Social Tab, the user would click a button to access this screen.

Interface Items:

- 1) Add Friend(s) / Pending Friend(s) button - Clicking on either button allows the user to switch between these screens
- 2) Friend requests or searched usernames will appear in this box.
 - a) Friend Requests will have an accept or decline button that the user may click
 - b) Searched usernames will have an add button that will send a friend request to the other user.
- 3) Search for Friend(s) input - The user inputs their friend's username and clicks the magnifying glass to search.



Title: Direct Message with Friend

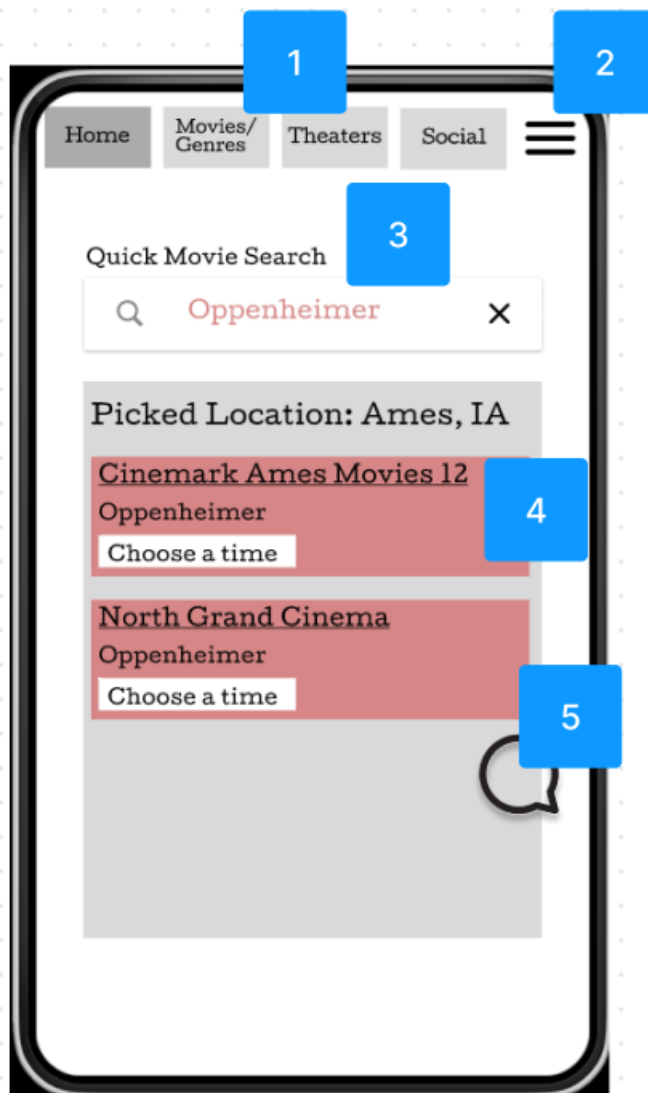
Developed by: Lev Schaul

Purpose: Users will be able to contact their friends within the app for easier communication while browsing movie times in the app.

Loading Event: The user must have a friend already added and click on their profile in the Social Tab.

Interface Items:

- 1) Back button - This sends the user back to the Social Tab.
- 2) Message Settings button - It allows users to unfriend and/or block the “friend” currently being messaged, as well as search for specific text.
- 3) Accept/Decline Invite - The user can accept or decline an invitation to the Movie/Theater/Time their friend sent by clicking the yellow checkmark to accept and the red ‘x’ mark to decline. It is simply a confirmation with all the information both parties need to arrive on time.
- 4) Enter Message input - A place for the user to enter their desired message to be sent to their friend.
- 5) Send button - Once the user has finished typing their message in (4), the user may send it by clicking this button.



Title: Home Tab

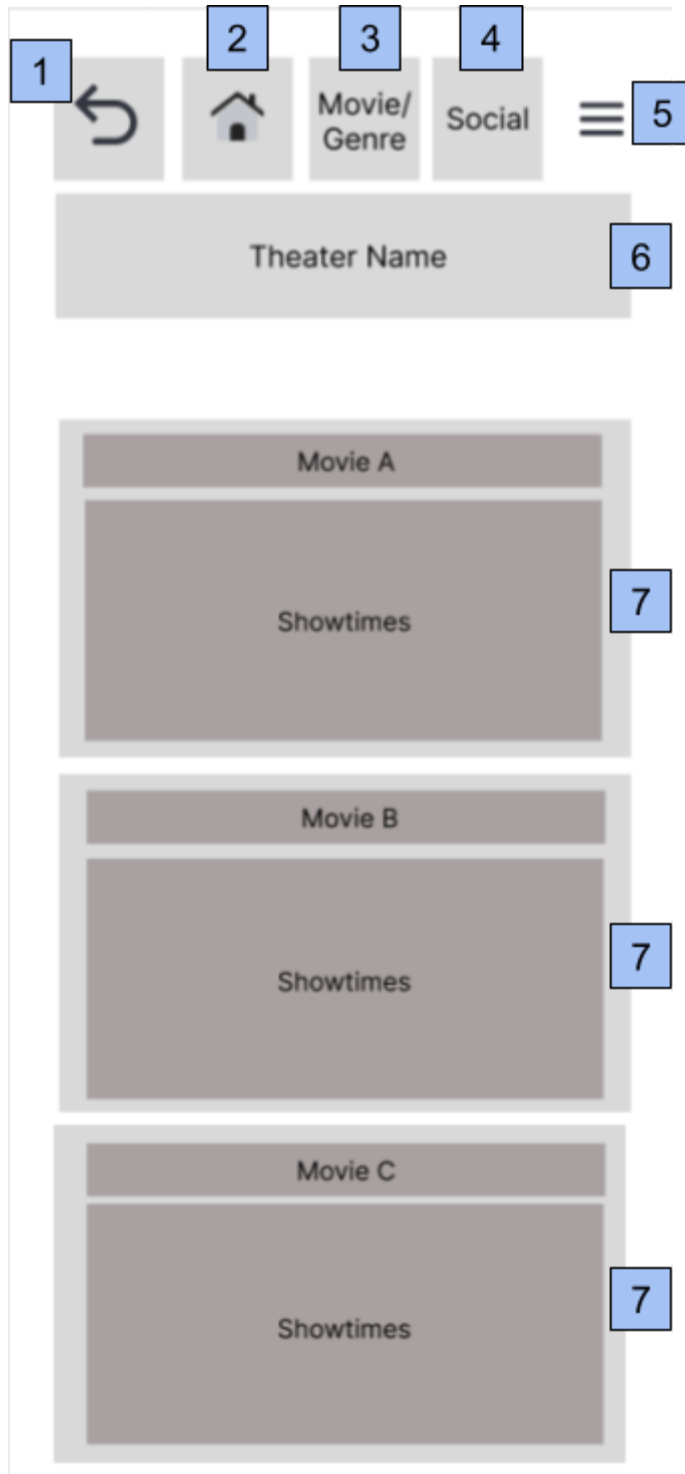
Developed By: Lev Schaul

Purpose: It serves the user as a starting point in the app and allows them to quickly access functions found throughout the app.

Loading Event: The user must log in.

Interface Items:

- 1) Tab buttons - The user can click these buttons to instantly move to another tab's screen. Another way to navigate is by swiping.
- 2) Settings button - The user clicks this button to look at account-related needs and other functions.
- 3) Search Movies input - Users type in a movie they wish to watch at a theater (area already chosen in Settings). After clicking the magnifying glass button, the theaters with the searched movie title appearing below.
- 4) Suggested Theater and "Choose a Time" button - The user clicks the button to be sent to the Theater Info screen so the user can choose a time at the chosen theater.
- 5) Social button - a shortcut to the Social tab. The button can be placed anywhere on the screen for easy access by the user.



Name of the screen: Theater Info

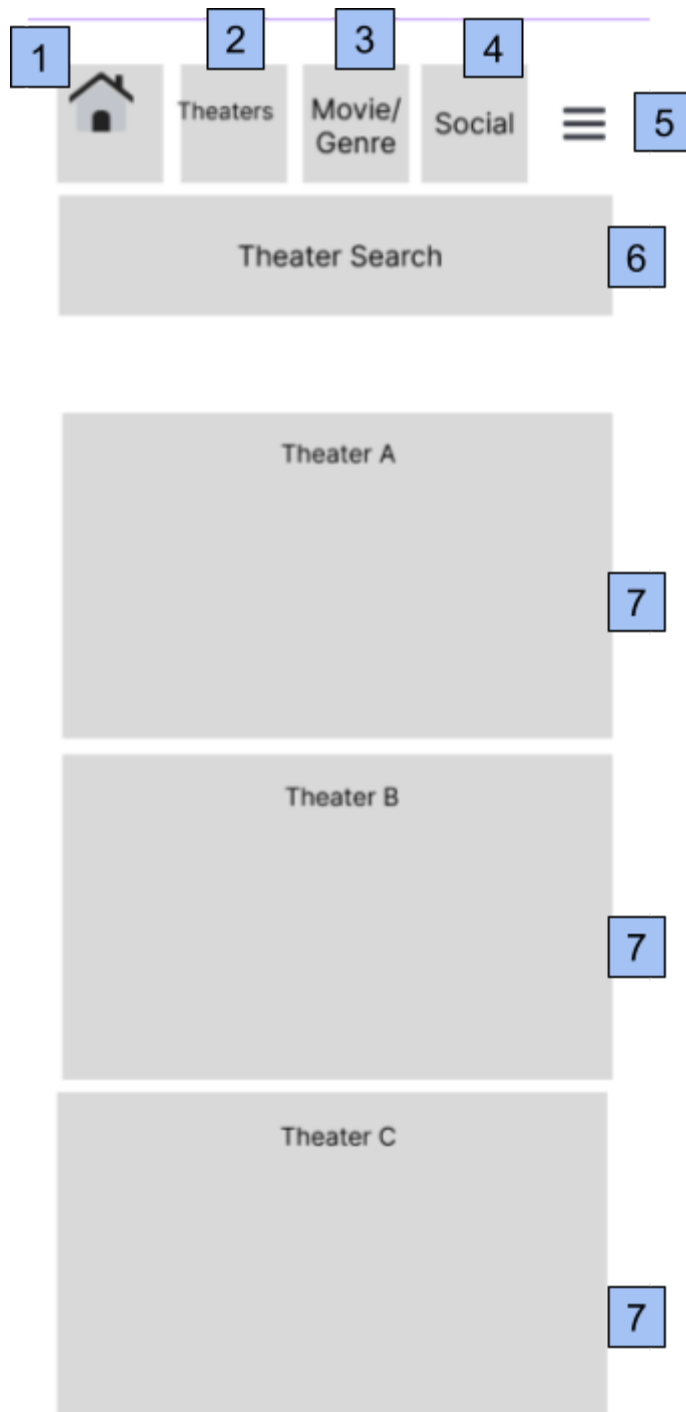
Developed by: Tyler Orman

Purpose: This screen allows the user to get info about a specific theater such as the current movies that are showing and the showtimes for those movies.

Loading event: To get to this screen the user will click on the theater from the Theater Search page or by clicking on the theater in the Movie page.

Interface items:

1. "Back" button to return the user to the Theater Search page.
2. Takes the user to the Home page
3. Takes the user to the Movie/Genre page
4. Takes the user to the Social page
5. Take the user to the Settings page
6. States the theater name
7. Shows the movies and showtimes for that theater.



Name of the screen: Theater Search

Developed by: Tyler Orman

Purpose: The purpose of this screen is to allow the users to search for theaters in their area. After searching for a town (zipcode possibly) the user will be shown a list of nearby theaters.

Loading event: To get to this screen the user will either click the “Movie Search” tab on the home screen or other main tabs.

Interface items:

1. Takes the user to the Home page
2. Does nothing (currently on the theater search page). Shows some kind of indication that it is the current page (darker?)
3. Takes the user to the Movie/Genre page
4. Takes the user to the Social page
5. Takes the user to the Settings page
6. A search bar to type in the location of the theaters, after entering the search a list of the nearby theaters will be returned.
7. The nearby theaters. Depending on what info can be scraped from the public API, more than just the name can be displayed. Clicking on these tiles will take the user to the Theater Info page.