

# Movie Finder Screen Sketches

By 2\_fatem\_3

Westin Gjervold

Nathan Krieger

Ryan Martin

Jacob Nickel

## Actors

- Users
  - Can view and search for movies by title, genre, actors, directors, etc.
  - Provide feedback on a given movie to build onto the movie database to improve the platform for other users.
  - Users will be able to comment on movies, and upvote and downvote comments from others.
  - Users will be able to bookmark movies which will be saved and stored on the bookmark screen
- Administrators
  - Same permissions as users
  - Able to moderate reviews, deleting reviews that are inappropriate
  - Able to ban users from commenting
- Managers
  - Same permissions as administrators and users.
  - Able to ban users and oversee admins.
  - Able to remove user's profiles

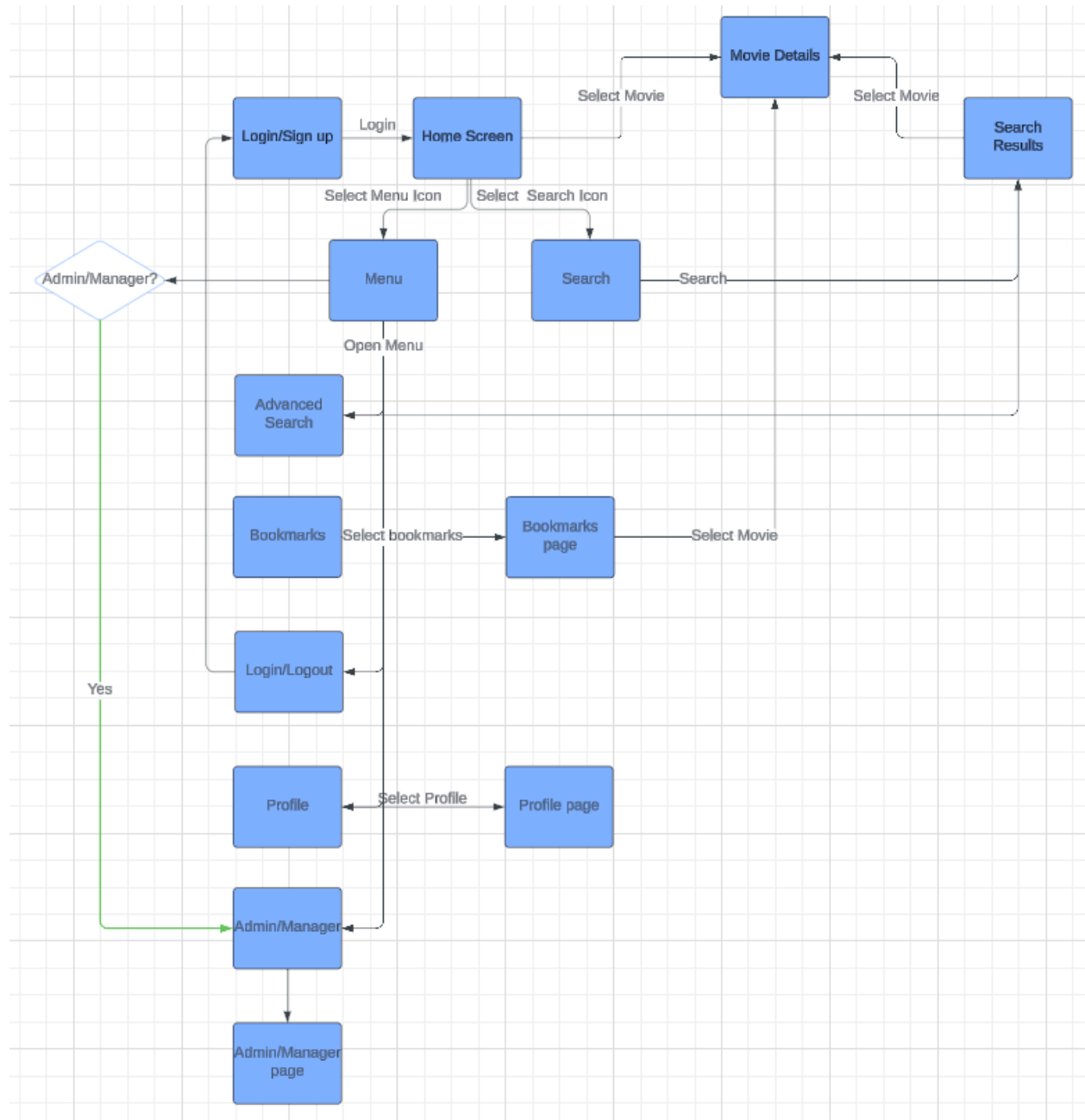
### Non-Functional Requirements

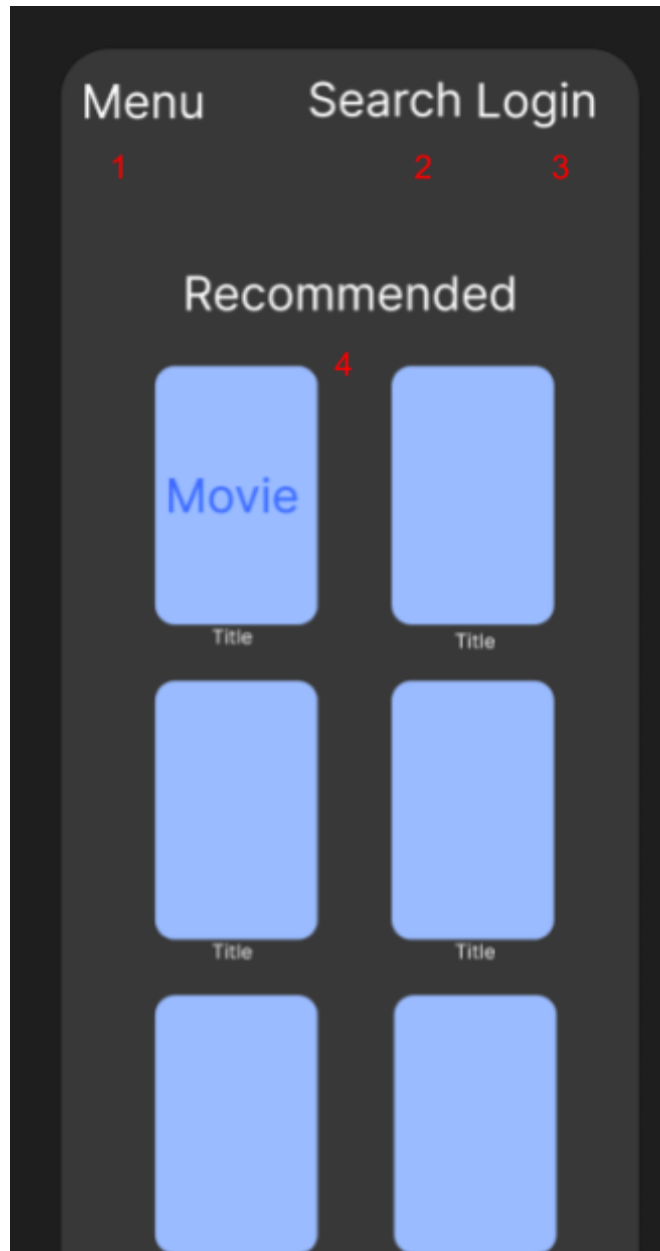
- To ensure a reliable app, the server and database will have to be on at all times.
- The application must be able to support multiple users.
- The application must support three different categories of users (User, Admin, Manager).
- While searching, the user should be able to see potential search results

## Tables and Field

- Users
  - PK - User ID
  - UserName
  - UserEmail
  - RoleID - FK to Role.ID
- Bookmarks
  - PK - ID
  - MovieID
  - UserID - FK to User.ID
- Roles
  - PK - ID
  - Name (ex. "Admin")
- Comments
  - PK - CommentID
  - UserID - FK to User.ID
  - MediaID
  - OverallRating

NOTE: A movie table should not be needed as we leverage a web API.





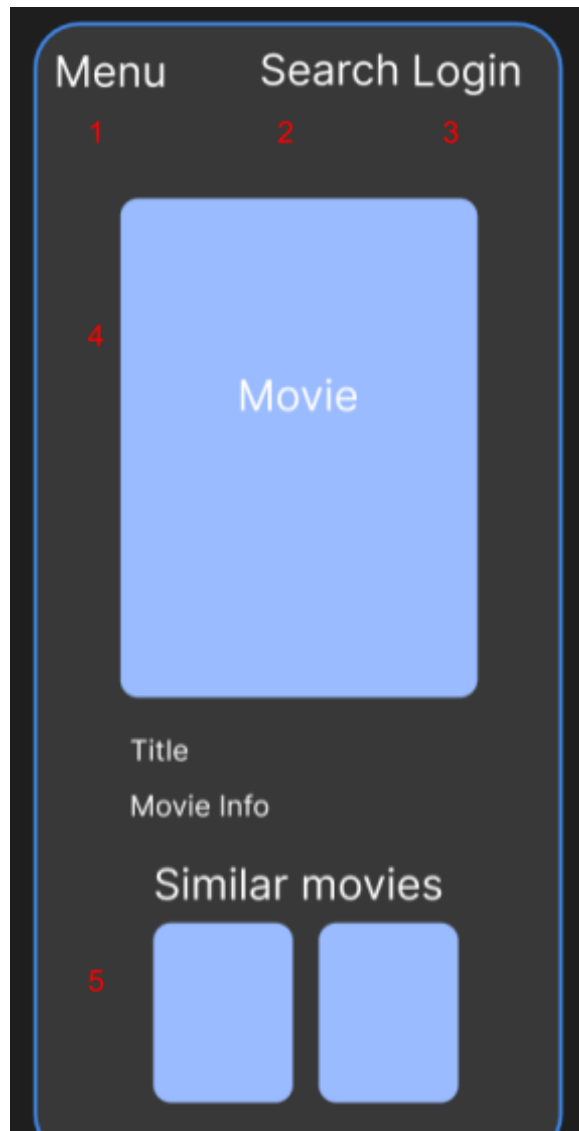
**Name:** Home screen

**Developed By:** Nathan Krieger

**Purpose:** This will be the screen that is shown as users open the app. If the user is logged in, the login button will say logout. The menu opens to show advanced search, and a profile page, if you are logged in as an admin or manager, there will be options for those as well. Each movie can be clicked on to open a more detailed view.

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Login** allows users to navigate to the login screen.
4. **Recommended movies** displays recommended movies that the user can go through.



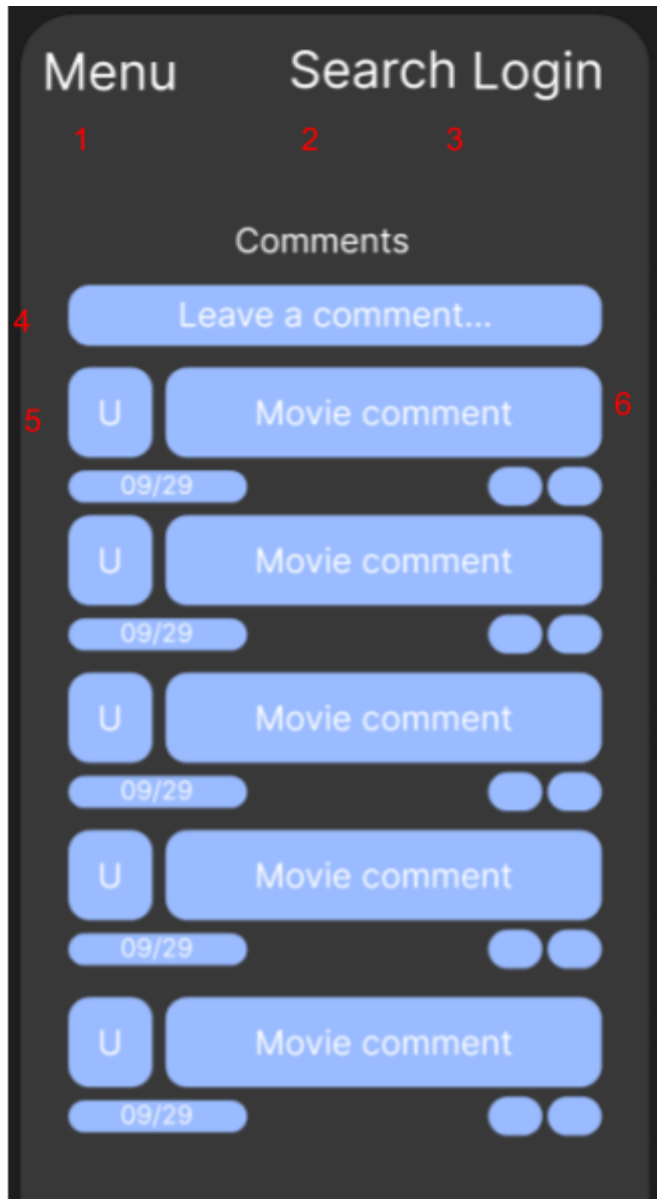
**Name:** Movie details screen

**Developed By:** Jacob Nickel

**Purpose:** This screen will be visible when users select a movie to view its details. Here a user can view the movie's details and see and select similar movies. Scrolling down, there is a comment section where users can leave comments, and rate other comments.

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Login** allows users to navigate to the login screen.
4. **Movie** displays the desired movie and its information.
5. **Similar Movies** projects similar movies based off of the movie that was clicked.



**Name:** Comment screen

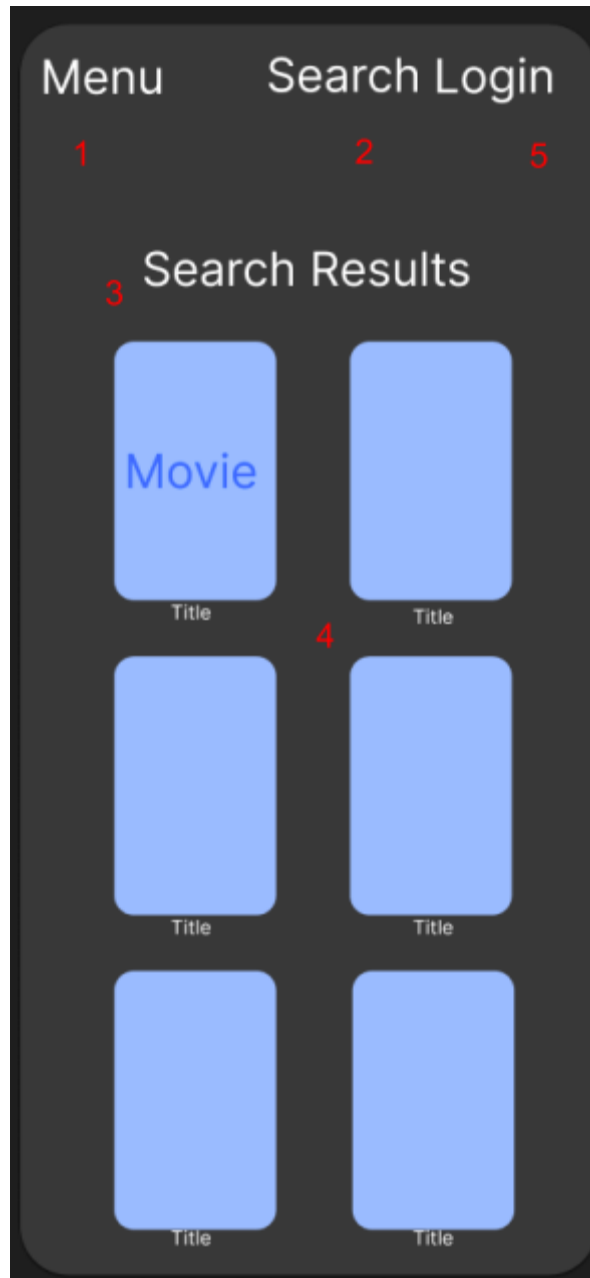
**Developed By:** Nathan Krieger

**Purpose:** This screen allows the user to leave comments on movies if they would like to. It will also allow them to see other users' comments when deciding if they would like to watch the film or not.

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Login** is a search bar that allows the user to search for movies based on title.
4. **Leave comment** allows the user to leave a comment on a movie for others to see.
5. **U** Displays the user's profile indicating who posted the comment.
6. **Movie comment** displays the comment that the user posted.





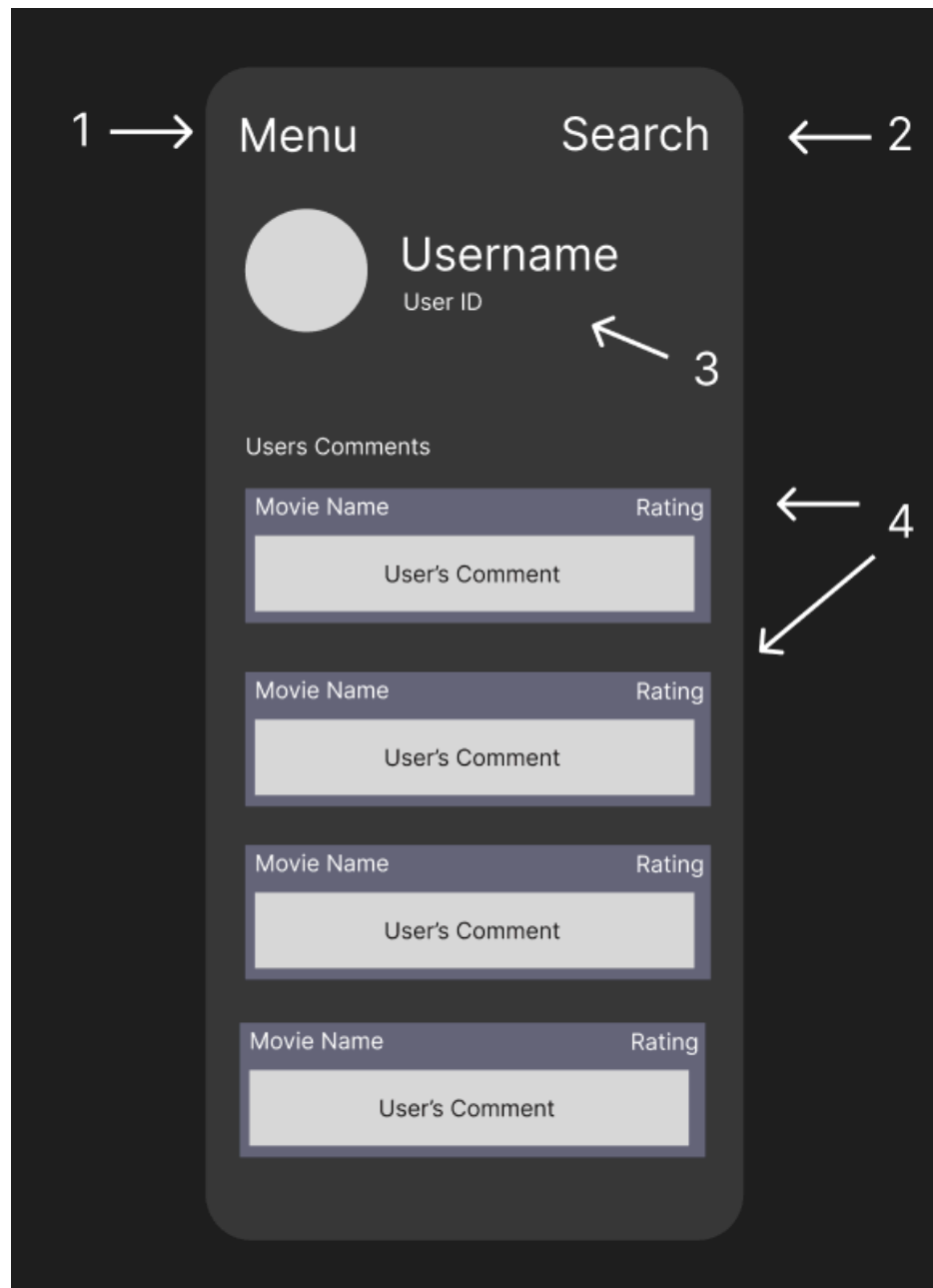
**Name:** Recommended search display screen

**Developed By:** Nathan Krieger

**Purpose:** When a user searches for a movie, either through the basic search or advanced search, a search results screen is shown where users can select movies and view their details, similar to the home screen.

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Login** is a search bar that allows the user to search for movies based on title.
4. **Movie** Displays recommended movies based off of the user's search for them to view.



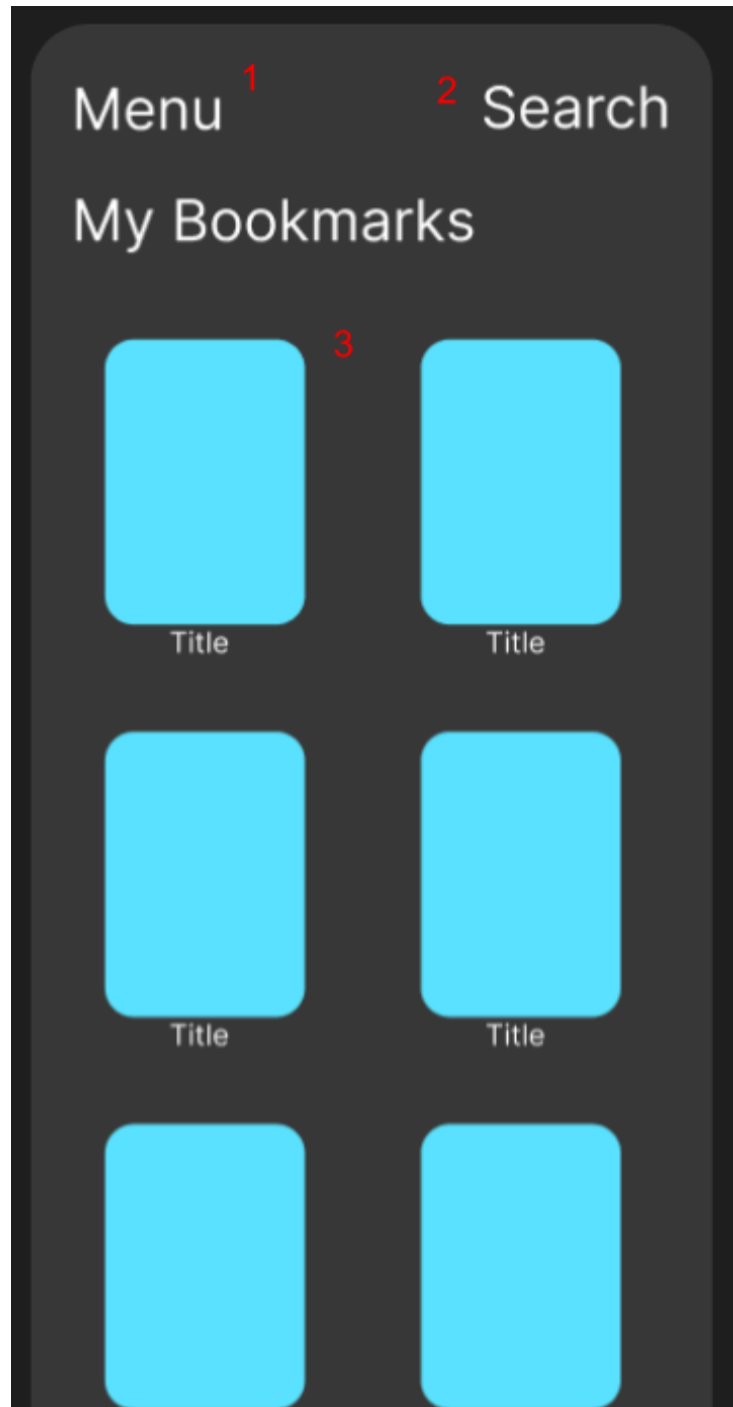
**Name:** Profile Screen

**Developed By:** Westin Gjervold

**Purpose:** The purpose of this screen is to show all the users public information plus all their comments/ratings

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Profile** shows all of the users public information
4. **Comments** shows a list of all of the users comments



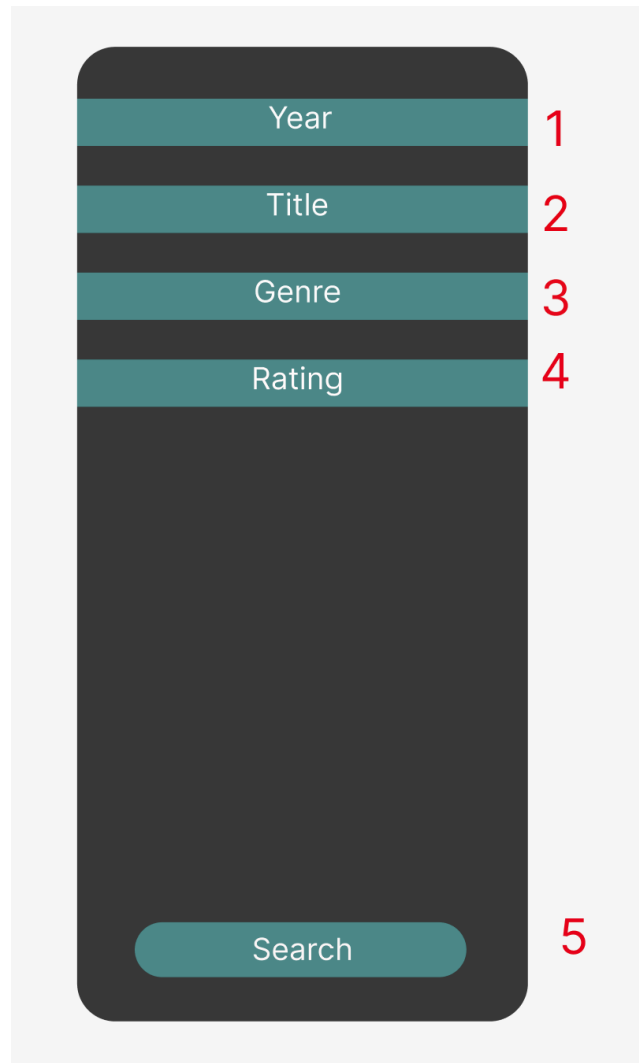
**Name:** Bookmarks Screen

**Developed By:** Westin Gjervold

**Purpose:** This screen will show a list of all the movies bookmarked by a user.

**Interface Items:**

1. **Menu** is a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.
2. **Search** is a search bar that allows the user to search for movies based on title.
3. **Movies** a list of all the movies (Picture and Title) bookmarked by the user.



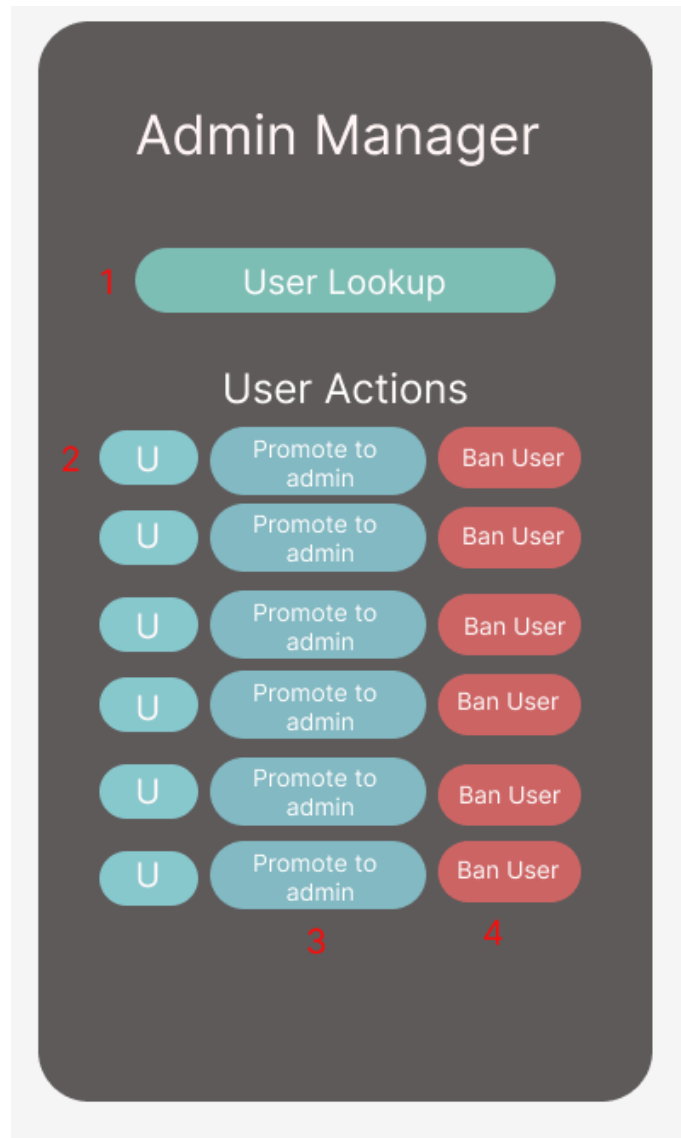
**Name:** Advanced Search Screen

**Developed By:** Jacob Nickel

**Purpose:** The purpose of this screen is to allow the users to search for recommended movies that will be filtered out by selected dropdowns.

**Interface Items:**

1. **Year** is a dropdown menu where the user will be able to select a year that they want to watch a movie from.
2. **Title** is a dropdown menu where the user will be able to select the title for the desired movie.
3. **Genre** is a dropdown menu where the user can select the type of genre they are looking for in a movie.
4. **Rating** is a dropdown menu where the user can select if they want a highly rated movie or a poorly rated movie.
5. **Search** allows the user to search based off of the inputs they selected and will pull up the recommended movies



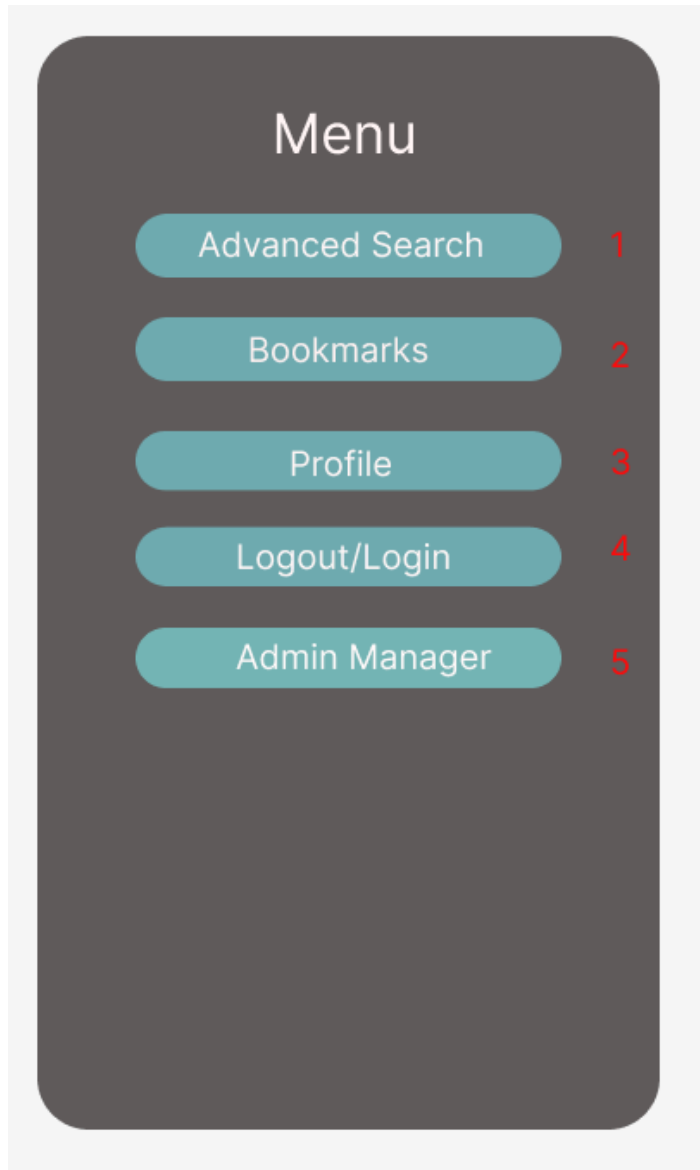
**Name:** Admin Manager Screen

**Developed By:** Ryan Martin

**Purpose:** The purpose of this screen is to allow the admin managers of the app to ban users and promote other users to admin roles. If a user is an admin, they can delete comments and will see a corresponding button, and if a user is a manager they can additionally delete accounts and promote other users to admin roles.

**Interface Items:**

1. **User Lookup** allows the admins to search up any given user.
2. **U** represents any given username in a table for the admin to sift through.
3. **Promote to admin** allows the admin to promote any given user to an admin role.
4. **Ban User** allows the admin to ban / delete any account.



**Name:** Menu Screen

**Developed By:** Ryan Martin

**Purpose:** a dropdown menu where the user will be able to go to profile, advanced search, login/logout, admin/manager, and bookmarks.

**Interface Items:**

1. **Advanced Search** The purpose of this screen is to allow the users to search for recommended movies that will be filtered out by selected dropdowns.
2. **Bookmarks** This screen will show a list of all the movies bookmarked by a user.
3. **Profile** The purpose of this screen is to show all the users public information plus all their comments/ratings
4. **Login/Logout** allows the user to login and logout of their profiles.
5. **Admin Manager** if a user is a manager they can ban other users and delete comments.