

# **Requirement Engineering artifact describing the features of our project and prototype**

Specification of what our team is planning to accomplish for project 3 and finally for project 4?

Our team is planning to make an app for film reviews and recommendations. The user has to first create an account that asks for information such as name, date of birth/age, favorite movie genres, and an optional profile picture to give them a customized experience. Once their account is created the app lets the user keep track of the watched movies, need to watch movies, liked movies, disliked movies, etc. Each of these categories lets the user add, move, and remove movies according to their liking with the help of buttons with those respective names. To save information about login, signup, watched movies, need to watch movies, liked movies, disliked movies, and recommended movies we have used XML. This is what we are planning to accomplish for project 3.

In the watched movies, need to watch movies, liked movies, disliked movies, etc, categories there will be a button that will bring the checked movies to the top which will be easier for the user to keep it organized. Once a user has added, removed, and moved movies it will save those changes. API will be used to bring information about movies from the IMDb website. Information such as title, ratings, year, genre, and language for the given movies. The user will also be able to find a particular movie from the search bar. We will also work on minor changes and input given by the TA on the presentation day. Also, we will try to make the app more presentable and make it look aesthetically pleasing. This is what we are planning to accomplish for project 4.

Welcome to your customized film documentation and rating app

Please enter the following information to get started:

Name (Note this down this will used as a username):

Date of birth (MM/DD/YYYY):

Favorite Genre (Pick 3)

- ☐ Action
- ☐ Drama
- ☐ Horror
- ☐ Comedy
- ☐ Science Fiction
- ☐ Thriller
- ☐ Romance
- ☐ Crime
- ☐ Animation
- ☐ Musical
- ☐ Adventure

Password:

Photo (Optional):



Notes:

- Age is asked because the app will recommend age appropriate movies to the user. If the user is 14 they will only get G, PG, PG-13 movies recommended

- Ratings →
- G - General Audience (all ages)
  - PG - Parental Guidance suggested (all ages with parents)
  - PG-13 - Parents strongly cautioned (kids under 13, parents recommended)
  - R - Restricted (Under 13, requires parents)
  - NC-17 (Adults only)

- When user picks 3 favorite genre, movies from those genres are recommended in the recommendation tab

- User can add photo from desktop



Watched  
Movies

Need  
to  
watch

Liked  
Movies

Disliked  
Movies

Ⓜ → User's photo  
User's name  
User's age  
sign out → button  
... etc

Recommendations

## Login

Username :

Password :

## Need to Watch

- ☐ The chronicles of Narnia:
- ☐ Harry Potter and the Prisoners of Azkaban
- ☐ Zootopia
- ☐ Inception
- ☐ It

Add

Remove

Bring unticked movies to the top