Movie Watchlist

Opritescu Darius, Year II

Programming for Mobile Devices

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1.Abstract

This document presents the developed application, how it works and what technologies are used. It contains an introduction to the app, my contribution and a development plan.

2.Goals and users

The goal of the app is to have a custom movie watchlist where you can add movies you plan to watch, rate them, display them by category and keep track of all the movies you`ve seen.

The application can be used by everyone that wants to remember the movies they watched or the movies they plan to watch.

3.Introduction

After clicking on the app a splash screen will appear and after ~3 seconds you will be redirected to the main page. There you can see your watchlist and you have the possibility to add new movies or edit existing ones.

You will have the possibility to display only movies from a certain genre or movies that have a specified rating.

4.State of art

The idea for this project and the main source of inspiration is the app IMDb. This is an online database of information related to films, tv series, video games and streaming content. It includes information about the cast, production crew, personal biographies, trivia, ratings, fan and critic reviews. It has different features that allow you to do things such as create a watchlist, rate a movie, review a movie etc.

Another similar app I found on the Play Store is MoviesFad, that is closer to what I`m trying to do because it is of smaller size. The app lets you create a list of movies, check your recently watched movies, check the movies that are in theaters right now and see upcoming movies.

5.Contribution

The idea behind this application comes from the well known IMDb site, so my contribution will be the coding part and designing the user interface.

6.Development plan

This application uses Android studio code as the IDE, java as the programming language and SQLite for the database.

7.User manual

The application starts and after the splash screen appears, you are redirected to the main page.

If it is the first time you`re using the application, you will have to create a watchlist and then you can add movies you plan to watch there.

You can see and edit the details of the movies by clicking on them.After you`ve seen the movie you can delete it from the watchlist.

8.Conclusions

This project helped me in exploring a new field and learn nice stuff about programming for android. It also helped me learn new things about java and working with databases.

9.References

[**https://www.imdb.com/**](https://www.imdb.com/)

[**https://www.tutorialspoint.com/sqlite/index.htm**](https://www.tutorialspoint.com/sqlite/index.htm)

[**https://www.geeksforgeeks.org/how-to-view-and-locate-sqlite-database-in-android-studio/**](https://www.geeksforgeeks.org/how-to-view-and-locate-sqlite-database-in-android-studio/)