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BCGD3  OPSC7311 POE Updated Document

MovieFans

Research, Planning, and Design

Planning and Design

**Introduction**

When developing an app, it is important to link its design and functionality back to the research which was collectively gathered. This is necessary to approach development with a balanced and accurate view of collection management apps in general.

**App Overview**

Logo, company name

Description automatically generated

MovieFans is a collection management app primarily used to collect and store movies which users can access anywhere, anytime, and on any device. Users can also create their own collections.

All users can enjoy the app for free if they stay within their cloud storage limit. However, if they wish to exceed this limit, they must pay to do so.

*Innovative Features*

* Users can increase their upload/cloud capacity by paying a once-off fee.
* Larger cloud packages allow for more item storage.
* The app is for users looking for a platform to store niche and/or personal favourite movies, as well as movies they intend on watching for the first time.
* Users create their own collections and can categorize them however they please.
* Users can create watch goals and track their progress through a progress bar.
* The app requests permission to access the user’s camera for photograph purposes.

**App Requirements**

*Login Requirements*

Users must set up a free account to be able to access the app. The sign-in and login pages both request the user’s username and password alone.

*Creating Collections*

* Users can create multiple collections consisting of multiple items.
* Collections can be categorized based on genre, movie length, release date, age restriction, personalized tags, quality, and more.

*Adding Items to Collections*

Items added to collections will have customizable details, such as:

* Title
* Genre
* Release Date
* Description
* Age Restriction
* Runtime
* Quality
* Images (Users can upload up to three screenshots to the app)

*Creating Goals*

Users can create goals by adding movies to a watchlist collection which tracks their progress and shows how many movies they have watched from their watchlist. Movies can also be removed from the watchlist.

**Conclusion**

MovieFans is a collection management app centred around movies where users can create their own collections, set goals for movies to watch, separate them into different categories and collections, and store all their movies in one place where they will not be lost.