

MediaVault

EECS 2311 | Group 3

Team Members

Isaac Ibidun	219070861
Herman Lim	217263310
Ruth Bezabeh	216171795
Mate Korognai	218179457
Muhammed Ehab Khan	217560731

Vision Statement

MediaVault is a software application that can maintain a list of media, such as books and movies, and enables users to keep track of their progress in them. This list of media will be saved in personalized private vaults that can be accessed to view and modify its contents by the vault owner. The system will hold a categorized list of every piece of media so that the user can successfully select their desired media.

The target users for this application are media consumers. These media consumers can range from content watchers who enjoy TV shows and movies to content readers who love books and comics. The wide variety of consumers makes MediaVault a highly-marketable application.

The system will hold features that allow a user to search for any type of media through an implemented search bar. Once selected, the media can be added to personal vaults. Within the vaults, selected media can be categorized under many statuses such as: ‘Currently Watching’, ‘Completed’, ‘Dropped’, and such. Each status can be given a reason or small notes where the user can write down any thoughts they had about the media and the reason for its status.

A unique feature of the application is the tracking of user statistics and custom personalization. User statistics can be accessed to assess how much media has been added to the vault. Statistics such as ‘Books Completed’, ‘Movies Currently Watching’, ‘Hours Watched’ can be viewed so that users get an in-depth look at their media consumption habits; these statistics can also be displayed on user profiles to add personalization.

In addition, MediaVault can look at the contents of personal vaults and give recommendations based on highly-rated, previously completed, as well as concurrent media for the convenience of the user. This will allow users to find many similar types of media to the ones they enjoy.

Media will be imported from various media databases to ensure that a complete set of various forms of media can be found in the MediaVault library. Earlier implementations will forgo this and will have manually inputted media to ensure the proper functionality of MediaVault features. This will ensure that once actual databases are implemented, all the features will work as expected.

MediaVault will be considered a success based on the completion of the full software application, its ease of use and intuitiveness, as well as positive feedback from user surveys after its implementation.

Big User Stories

Iteration 1

Account Creation

As a user, I should be able to securely create an account and log in to it.

Priority: High

Cost: 5 days

Movies Information

As a user, I should be able to view information on the movies in the library.

Priority: High

Cost: 7 days

Watch List

As a user, I should be able to keep track of the movies I have watched/am currently watching.

Priority: High

Cost: 2 days

Iteration 2

Books Information

As a user, I should be able to view information on the books in the library.

Priority: High

Cost: 5 days

Reading List

As a user, I should be able to keep track of the books I have read/am currently reading.

Priority: High

Cost: 2 days

Search bar

As a user, I should be able to quickly search for specific movies/books in the library.

Priority: Medium

Cost: 7 days

Iteration 3

Wishlist

As a user, I should be able to create a list of books to read/movies to watch from the library.

Priority: Medium

Cost: 2 days

Recommendations

As a user, I should be able to receive book and movie recommendations based on my preferred genres.

Priority: Medium

Cost: 5 days

Reviews

As a user, I should be able to see the reviews for a book/movie when viewing its information.

Priority: Low

Cost: 2 days

Personalization and User Stats

As a user, I should be able to customize my profile to suit my preferences as well as view my user statistics.

Priority: Low

Cost: 4 days

Iteration 1 Detailed User Stories

Create Account

Accept basic information and create a secure account.

Question: Should there be different types of accounts?

Priority: High

Cost: 3 days

Log In

Sign in using user login credentials.

Question: What happens if a user forgets their credentials? Password encryption?

Priority: High

Cost: 2 days

Browse Movies

Display available movies that are organized in an intuitive manner.

Priority: High

Cost: 4 days

View Movie Pages

Display basic details like title, actors and ratings.

Question: Are all movies going to have posters?

Priority: High

Cost: 3 days

Create A Personal Vault

Create a watch list to store movies that have been watched/are being watched.

Question: Should users be able to create multiple watch lists?

Priority: High

Cost: 0.5 days

Add Movies to Personal Vault

Add movies that have been watched/are being watched to a watch list.

Question: Can users add movies that are not in the library?

Priority: High

Cost: 0.5 days

Remove Movies From Personal Vault

Remove movies from a watch list.

Priority: High

Cost: 0.5 days

View Personal Vault

View Watch list(s) with all added movies.

Priority: High

Cost: 1 day