

## Tasks for iteration 2:

- ☒ Use [“The Movie Database API”](#)
  - ☒ Get movies from database
  - ☒ Add ability to search database
- ☒ Make SQL database
  - ☒ Add movies from [“The Movie Database API”](#) to SQL database with the following information:
    - ☒ Movie-id
    - ☒ Movie image
    - ☒ Movie title
    - ☒ Release date
    - ☒ Genre(s)
    - ☒ Overview
    - ☒ Runtime
  - ☒ Have ability to add new users
  - ☒ Have ability to add new movies
  - ☒ Have ability to add movies to user's collections
  - ☒ Make admin account
  - ☒ Ensure SQL initialization file is run first.
- ☒ Reorganise UI
  - ☒ Remove redundant features (Profile)
    - ☒ Make profile image into “Profile” page link
    - ☒ Remove “Profile” button
  - ☒ Add search bar
    - ☒ Add ability to search
  - ☒ Utilise SQL database and/or [“The Movie Database API”](#)
  - ☒ Detailed view of movies
    - ☒ Movie image
    - ☒ Movie title
    - ☒ Release date
    - ☒ Genre(s)
    - ☒ Description (Truncated/Collapsed)
    - ☒ Length
  - ☒ Database management/page scrolling buttons
- ☒ Implement JDBC
  - ☒ Have a central connector
  - ☒ Have ability to add new users
  - ☒ Have ability to add new movies
  - ☒ Make java connection to:
    - ☒ Users
    - ☒ mediacollection
    - ☒ movies
    - ☒ mediarelations

- ☒ ~~Make stub methods for testing~~
- ☐ Test cases for valid classes
  - ☐ All classes in backend
    - ☐ AllMedia.java
    - ☐ Encryption.java
    - ☐ Login.java
    - ☐ Media.java
    - ☐ MediaCollection.java
    - ☐ User.java
  - ☐ JDBC\_Connection
  - ☐ Move "TMDBTest.java" to test folder
- ☐ Update wiki
- ☐ Update log

## Iteration 2

**Title:** Movies Information

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

**Priority:** High

**Time Estimate:** 7 days

**Title:** Account Creation

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

**Priority:** High

**Time Estimate:** 5 days

**Title:** Searchbar

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

**Priority:** Medium

**Time Estimate:** 5 days

**Title:** watchlist

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

**Priority:** High

**Time Estimate:** 3 days

## Detailed User Stories

### Account Creation

As a user, I should be able to create an account for the first time and be able to log into my account once I've exited the app. My information should be kept private and secured.

Priority: High

Cost: 5 days.

### Movies Information

As a user, I should be able to view a brief description or information about the movie just by clicking on the title in the Library. Some information I should see is title, Release Date, Genre, Length of the title, and a small description of the movie.

Priority: High

Cost: 7 days

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## Personal Vault

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As a User, I should be able to add movie titles to my own personal vault. Inside this vault I can have a wishlist. The wishlist is to add movies to a library, so I know which movies to watch next. There should also be a watchlist to keep track current movies being watched, where I left off and I can even add thoughts about the movies.

Priority: High

Cost: 7 Days

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## Search Bar

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As a user, I should be able to search any title in the database. The search bar should be located somewhere easily accessible on the page preferably at the top bar and it should suggest movie titles based on the letters that have been entered so far.

Priority: Medium

Cost: 5 days

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## Adding A User

There should be a feature where someone can make multiple users for a family or friends setting.

Priority: low

Cost: 1 Day

## Adding a Movie

It's not possible for every single movie ever to be release be listed on the app. So there is a feature to add a movie that aren't listed in the existing set of movies.

Priority: low

Cost: 1 Day.

# Adjustments made to Project

In the original planning documents the application “MediaVault” was meant to be an app that was a hub of all media content including Movies and Books and would be able to keep track of your current watch/reads.

We started off with creating the app based around the movie part and built on top of it. Once it came to the part where we had to acquire a database for the list of movies and all the information about them there was an abundant amount of resources available and different APIs we could use. We decided to go with the TMDB API as it had the best ratings and all the movie titles that anyone would want. We incorporated the API into the database “MovieDB”.

Just like with the movie section of the application we started to build the books section, there was a separate page meant for books. It was all the same concept as the movies but instead we had to get a books API to make a database out of it that would show the different titles and be able to add to a watchlist. For books there were limited resources available online and it was quite expensive. It was \$30 USD/month just to have access to the API. The only cost associated with this application was the time being spent to build the application. This was an unexpected cost and one which we were not ready to make at the time. With this information we decided as a collective group that it would be better to focus our manpower and resources to make the movies section as good looking as smooth operating and packed with features as much as possible. With this we would put the books section on indefinite suspension until we have a proven business model and have the resources available to be able to expand the application features into the book section.

In the future once a suitable database is found and financial constraints are lifted, MediaVault can implement the books section with a simple update to the app.