

**University of British Columbia**

Department of Computer Science

# **CPSC 304 Project Cover Page**

Milestone #: 3

Date: Nov 3rd 2023 Group Number: 23

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## Milestone 3 Summary

The goal of our application is to create a social media platform where users can track various types of media such as books, movies, or music that they have consumed. It also allows users to view other users' libraries, friend them, and receive recommendations for new media across categories (e.g., users who listened to this music also read this book). It will be similar to platforms like GoodReads or MyAnimeList, but different in that it allows more than one type of media. The application will have basic features like rating, reviewing, and posting discussions on any topic of the user's choice.

## Timeline

We will be taking an End-to-end approach to our project where one person is responsible for creating the entire pipeline of a feature from the GUI to making database calls.

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
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			1	2	3	4
5	6 - User Creation -Media creation - Club creation and modification	7	8 Media Search	9 User Media	10	11 User Friend

12	13 - User commenting and reviewing - Club user roles	14	15 Media Rating	16	17	18
19	20	21	22	23	24	25
26 - User Recommendations - Discussion creation and modification - Reply creation and modification	27	28	29	30		

*Note: all dates refer to the week of said date. Additionally, all steps include creating the GUI to appropriately reflect the data before and after the query.*

## Sam

Media creation and modification - November 6th

- Allow users to create additional media items (i.e. books, music, and films) should the piece of media they are searching for not be available in the catalogue.

- Should a user wish to change or update information about a specific piece of media, enable them to do so through a user interface.

#### Media search – November 8th

- Allow a user to recall a certain piece of media by searching the database for its metadata (e.g. title, creator, etc.)

#### User commenting and reviewing – November 13th

- Enable users to leave reviews on pieces of media that include ratings.
- Enable users to leave comments in response to reviews.

#### Media rating – November 13th

- Calculate the average rating of a piece of media based on existing reviews.

#### User recommendations – November 26th

- Enable per-user media recommendations based on their rating patterns.

## Bryan

1. User Creation – Week of November 6th
  - Ability to recall, create, update, and delete user data
  - A login page for login or creating new user
2. User-Media Relationship – Week of November 6th
  - Ability to record, favourite, and recommend media
3. User Friend
  - Ability to add, delete friends
4. User-Media Stats – Week of November 13th
  - Stat page for user data
5. Recommendation System (TBD)
  - Given user's favourite list and rating, suggests similar media

## Sean

- Club creation - November 6th
  - Ability to create club with name and description inputted by user
- Club modification - November 6th
  - Ability to modify and delete club name and description should the user wish to do so
- Club user roles - November 13th
  - Ability for users to join multiple clubs
  - Ability for users to be assigned roles within a club which grant certain privileges
- Discussion creation and modification - November 26th
  - Allows users to create discussion thread which contains text/content
  - Allows users to edit or delete their own discussion threads
- Reply creation and modification - November 26th
  - Allows users to write reply under discussion thread
  - Allows users to edit or delete content within reply