

# A PENNY FOR MY THOUGHTS MOVIE MATCH MOBILE APP

06/25/2022

## OVERVIEW

### 1. Project Background and Description

This will be the capstone project that will tie together many of the disciplines that we have been taught over the course of our program, Software Development: Secure Desktop, Mobile and Web Applications at Vanier College. The project that I will be proposing is a Movie Match Application that will run on Android and use Java as the main language. I will continue to use GitHub as the Version Control System throughout the project, as well as Junit testing during and near the end of the project's implementation. I, Matthew Penny, will be the head designer, head developer and head tester, as well as the QA specialist and Sales and Marketing head. The coordinator, potential buyer and user, project manager, code reviewer, and QA manager will be Adin Ashby, at Vanier College. There will be some outside conferencing as I will bounce ideas off classmates, former teachers, and friends but all coding, testing, and planning will be handled by Matthew Penny.

### 2. Project Scope

The planned application will answer a need that was made more apparent with the start of pandemic lockdowns and I believe can help couples and friend groups that have a hard time agreeing on what to watch on their many streaming options. Using the idea of dating applications such as Tinder that has the users' swipe left or right on other users until a match is found, my application will do the same but with streaming services. Users will register to the app and during register, will decide which streaming services that they would like to have available. When it comes time to decide what to watch, the users would connect the app through an OTP (one time password) and begin the matching process. I would like to try for all streaming services but would start with three of the major companies (Netflix, Amazon Prime and Disney+).

### 3. High-Level Requirements

The application will include the following:

- ❖ The User will be able to create, update and delete their profiles, as well as invite friends to a common "room" using an OTP.
- ❖ The User will be able to link their streaming accounts to the application in a secure manner and have their information protected.
- ❖ The Application should show when a "match" has been made, as two Users will have both selected the same movie to watch.
- ❖ The Users should be able to choose by genre which movie list that they will be choosing from.

#### 4. High-Level Timeline/Schedule

As per the rubrics assigned by Vanier, I would expect the planning, designing, developing and deployment of the application would be as follows:

Task(s)	Timeline	Deliver Date
Project Proposal	Less than a week	06/26/2022
Project Planning / Initialization and Analysis	1 week	07/02/2022
Project Design and Implementation	4 weeks	08/04/2022
Project Testing	1 week	08/09/2022
Project Documentation and Presentation	.5 week	08/12/2022

# APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Date

Approved By	Date	Approved By	Date
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