Problem Statement and Goals
Flick Picker

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Table 1: Revision History

Date	Developer(s)	Change
Date1	Name(s)	Description of changes
Date2	Name(s)	Description of changes
...	...	...

1 Problem Statement

[You should check your problem statement with the problem statement checklist. —SS] [You can change the section headings, as long as you include the required information. —SS]

1.1 Problem

1.2 Inputs and Outputs

[Characterize the problem in terms of "high level" inputs and outputs. Use abstraction so that you can avoid details. —SS]

1.3 Stakeholders

1.4 Environment

[Hardware and software —SS]

2   Goals

2.1   Cater to Users' Interests

Allow for a wide variety of different categories and subcategories that a user may choose, in order that the system may provide a list of relevant recommendations.

2.2   Find Common Interests

Find content that meets some common criteria of all users in a group.

2.3   API Data Collection

Will obtain all necessary information on shows and movies through API services.

2.4   Group Compromise

Should there be no overlapping interests between two or more users in a group, the system will either provide show or movie recommendations that are of a similar genre to what was selected (an "inbetween" solution), use a tie-breaking mechanism (if one set of categories have more popularity in the group), or select options from the non-overlapping categories.

2.5   Web App Compatibility

Will work on multiple web browsers, such as Google Chrome, Firefox, etc. on desktop devices.

2.6   Create Account and Login

User will be able to create an account with their saved preferences and account settings that are stored and will persist for future logins.

3   Stretch Goals

3.1   Mobile Web Usability

System could be optimized for easier use on web browsers for mobile and tablet devices of various sizes.

3.2   Mobile App

An app may made available on the Apple and Android stores for download.

3.3 Login with Other Accounts

Ability to log on to the system with another account, such as Facebook or Google.

3.4 Link with Streaming Accounts

Allow the users to link their account to their Netflix, Disney+, etc. so the user can watch whatever shows or movies have been recommended.

3.5 Show Ratings

Displays the ratings of recommended content from different sources, such as IMDb.

3.6 Separate Dev and Prod Deployment

For the purpose of allowing developers to push up code without harming user experience if errors arise from it.