# A Better Movie Selection Experience

Group 4 - Project 1

# About the Team



Vandolph Baptiste



Juliet Goldstein



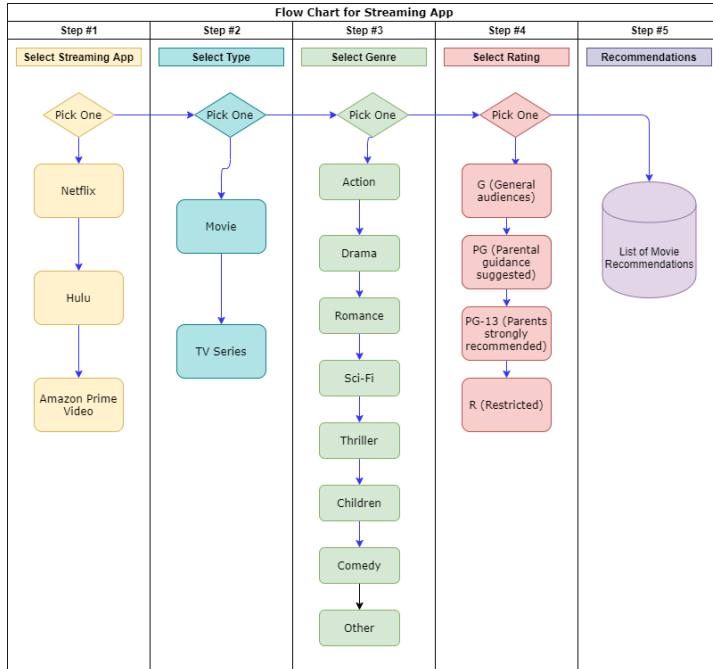Krystal Duran

# Value Added Proposal

**Project Goal**

Develop a responsive web application, with a mobile-first UI, that the would allow users to search through the content of their movie streaming applications to help them find the right movie or show to watch according to the following selection criteria:

- Movie streaming applications (Netflix, Amazon, Hulu)
- Genre
- Movie vs show series
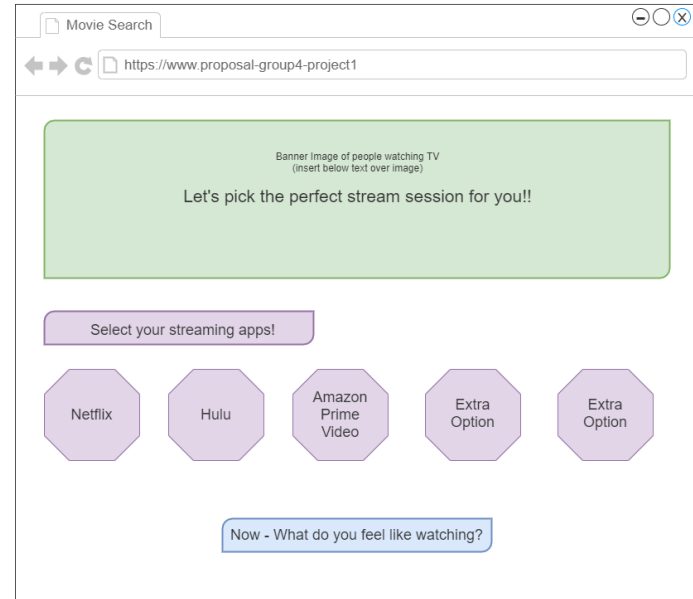- Assigned movie rating (G, PG, PG-13, R)

# Beginning Development

## Flowchart for App Logic

**Flow Chart for Streaming App**

| Step #1 | Step #2 | Step #3 | Step #4 | Step #5 |
|---|---|---|---|---|
| Select Streaming App | Select Type | Select Genre | Select Rating | Recommendations |

Pick One → Netflix → Hulu → Amazon Prime Video

Pick One → Movie → TV Series

Pick One → Action → Drama → Romance → Sci-Fi → Thriller → Children → Comedy → Other

Pick One → G (General audiences) → PG (Parental guidance suggested) → PG-13 (Parents strongly recommended) → R (Restricted)

List of Movie Recommendations

## Wireframe

**Group 4 - Project 1**
**Wireframe Submission for App Home Page**

Movie Search

https://www.proposal-group4-project1

Banner Image of people watching TV
(insert below text over image)

Let's pick the perfect stream session for you!!

Select your streaming apps!

Netflix   Hulu   Amazon Prime Video   Extra Option   Extra Option

Now - What do you feel like watching?

# Project Requirements

❏ Must use at least two server-side APIs

❏ Must use a CSS framework *other than* Bootstrap

❏ Use at least one new third-party API

❏ Must have a polished, mobile-first UI

❏ Must meet good quality coding standards (indentation, scoping, naming, etc.)

❏ Does NOT use alerts, confirms, or prompts (look into *modals*).

❏ Must be deployed to GitHub Pages

❏ Must be interactive (i.e: accept and respond to user input)

# Main Tools Used for Development

**Languages**

- HTML
- JavaScript
- Standard CSS
- Materialize CSS

# Project APIs

Here are the two APIs that we used for this project.

- IMDb API - https://rapidapi.com/apidojo/api/imdb8
  - This API was used to populate movies data based on user selection criteria because (in limited scenarios) this API had the data that showed where movies / TV series were streaming.

- The Movie Database API - https://developers.themoviedb.org/3/getting-started/introduction
  - This API was used to populate the alternative list of movies current showing in theaters for when the application was unable to pull content matches for the users selections.

# Lessons Learned

- Remember what makes the project MVP

- Stick to what is feasible to complete in the given timeframe

- Prepare for API limitations

    - Start API research early
    - Make sure everyone knows how to use API documentation
    - Avoid API with quota limits if possible
    - Data accuracy is dependent on the data stored in the API

# Demo!!

Here are the links to the team's GitHub Project Repo and GitHub pages link for our web application.

- Link to GitHub Project Repo - https://github.com/Group4project1/project1

- Link to GitHub Pages for Web App - https://group4project1.github.io/project1/