

Lab A5 Team 7 Proposal

One of the ideas we had was an app that takes in a possible input of length, genre, streaming services and returns a list of the best possible movies to watch. These movies will be returned based on their IMDB rating and their match to the criteria inputted. We will use the IMDB API to get the movies that match the length and genre criteria, and we will use another API to check what streaming services the movie is on. A user can create an account on our app and will be able to save their favorite movies. Additionally, they could also create personalized playlists to save movies to.

Another idea we had was an app that takes in a possible input of ingredients, diet, time, and other related criteria and returns a recipe that fits those parameters. We already found an API, Spoonacular, to return the recipes, but we are unsure of what the other API would be. Possible ideas would be an API that finds ingredients you're missing in grocery stores near you or an API that returns how healthy your meal is in your overall diet. We could also possibly implement an API that filters through these recipes based on the ingredients you have available at home. The application can store a user's favorite recipes and their general diet preferences and allergies.