

Project Proposal

I will be working independently. The free topic I chose to work on is a movie recommender application. In the application, user will be able to choose up to 5 movies and the application will recommend up to 10 movies based on the 5 movies chosen. Using a content-based algorithm, it will recommend movies with similar plot, genre, crew, and actors. The application will not store user data.

I plan to create the application using React framework frontend and Flask backend. I have not decided on a database to use, but I will be using a movie dataset from Kaggle. I plan to manually evaluate the tool if it successfully recommended appropriate movies that I am familiar with. If I can find an appropriate evaluator system, I will use it.

I am estimating that creating the whole system will take at least 20 hours. I will be creating a simple frontend where the user is able to choose movies and display the recommended movies. A backend to retrieve data from the database and create the logic for the recommender.