

Section B3

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CS411 Project Proposals

Idea 1: Streamo

Our first idea is an application that allows users to search a program of their choice in our search engine and then direct them to the streaming service that carries the program. This application will be beneficial to users that may want to start a new show/movie but aren't sure where to stream the specific content. The application will show all the available services on one page and allow users to click into the preferred service. To satisfy the database requirement, the application will require the user to create an account and sign into a specific streaming service when chosen to stream with that service. The first API we will use is one that contains all the programs in services such as Netflix, Hulu, Prime Video, and HBOmax. The second, we can use an API that shows the top watched on each service. The third-party authentication will be logging into Gmail.

Idea 2: Price Match

Our second idea is an application that allows users to search for an electronic device of their choice and display the best prices of the device from different shopping websites. This application will work as a budget friend and allow users to see all the best prices of an item on one screen instead of going to each website and finding it. To satisfy the database requirement, the application will require the user to create an account and sign in. The project will use various APIs from different device selling platforms such as Amazon, BestBuy, and Walmart. The third-party authentication will be logging into another account on an official website such as Gmail or Facebook.