Streaming Mashup

Team 13

Project Description

- **Goal of the application**

To use the given resources to build a web application which includes all the information from a movie, as well as information about its availability to purchase from different services.

- **Planned Scope**

Our main fallback goal is having a fully functional database with a search bar where the user can type the name of the film and clicking on the desired result. The user will then see all the data related to that film, including showtimes and purchase availability.
A stretch goal for this project would be notifying user by email when a movie is available for purchase or comes to theaters.

- **Web Services**

We are planning on using three different API services, including IMDB, Bing Images, and Guidebox to achieve our goal. We chose those three because we thought they were the best options that can provide us with the necessary tools to develop the desired features. IMDB provides info about the film, Bing Images can provide the artwork, and Guidebox tells which streaming services offer the film.

- **Background Story**

Let's suppose that you are organizing a movie night with your friends. You want to know if the movie or movies you're watching are available for rent or in theatres. This web application will be useful, since it will show every detail from a movie, plus the locations where it is showing or where you can rent/buy a physical or online copy. As an additional feature, we plan on adding a weather feature to plan ahead for those unexpected rainy days.

- **Development Challenges**

The main challenge that our team will face is time. This is a fairly decent assignment in terms of difficulty. However, we have to complete the application before May 6, which is two weeks from now. We might also expect delays in how fast we get access to some of the API's we are planning to use, since they require some kind of authentication.
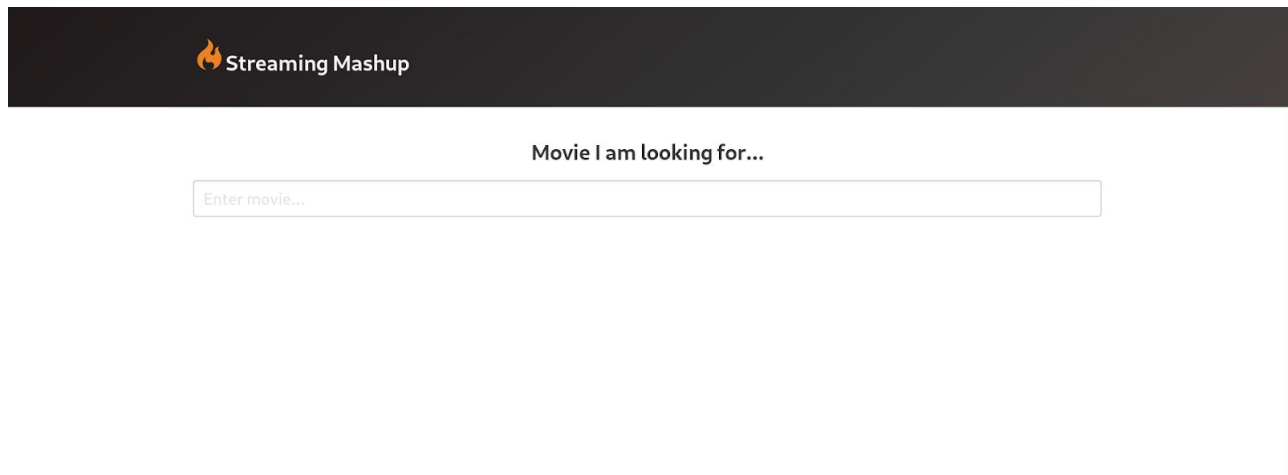
- ● **Organization Plan**

Ben - Website design
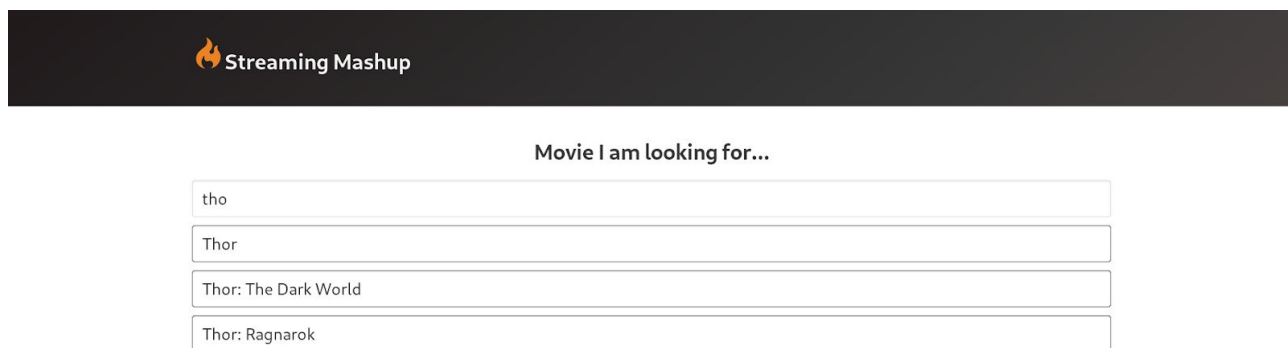**Arturo - Bing Image API**
Christopher - IMDB API
Matthew - Guidebox API

Interface Sketch

Homepage without user input.

Homepage with user input and showing the autocomplete feature.