

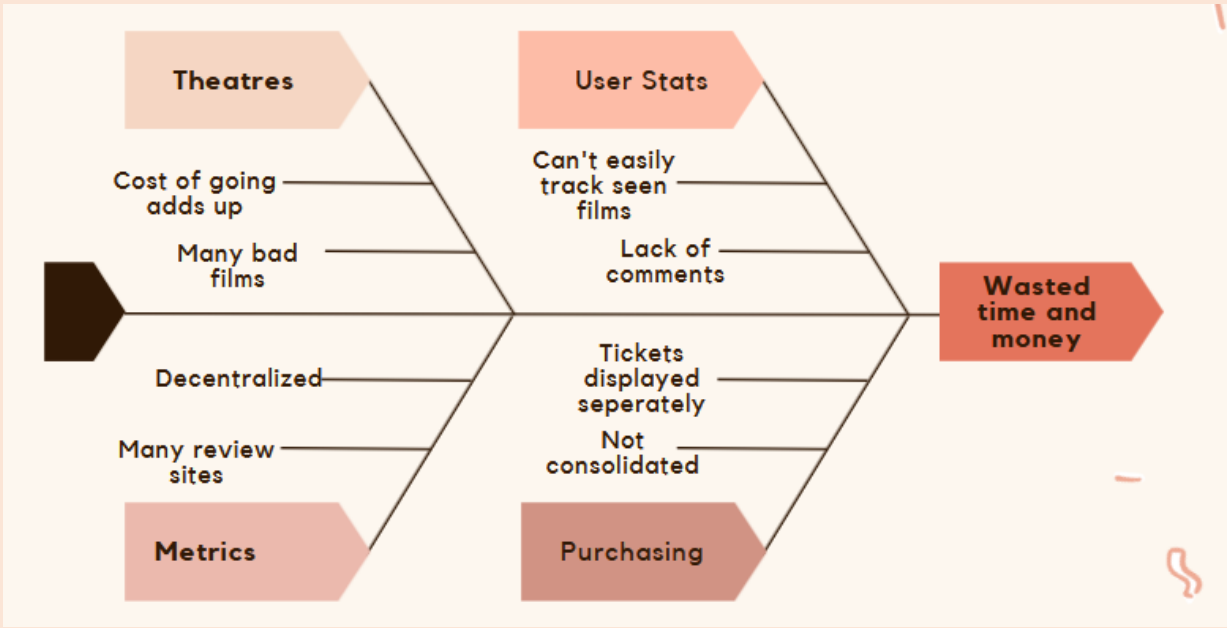
Problem Background

- When a person decides to watch a movie at the theatres, it is often uncertain whether the film is good, what others thought about it, and other related metrics.
- Reviews and user opinions tend to be split throughout various websites, making it hard to conclude whether a film is worth watching or not.
- Attending the theatres requires spending not only a minimum of \$8.65 per ticket, but over 10 miles total worth of gasoline and a minimum of 2 hours to view the film. Additionally, more than 60% of the moviegoers spend money on snacks and drinks prior to entering the cinema auditorium.
- As such, gathering all the metrics for a film on a single page would be useful to view before deciding whether the cost of viewing a film is justified.

Target

- Film enthusiasts will be able to view score metrics from various sites and user comments before proceeding to the digital ticket purchase page.
- On the same platform, once a film has been viewed, it can be scored by the user and added to their own digital library; thus, facilitating the process of keeping track of what films have been viewed by the user.
- Users will be able to share movie details, showtimes, and purchase links with others, making it simple to invite friends and families to view a film together.

Causes



Countermeasures:

- Deploy a platform which aggregates score metrics from sites such as IMDb and Rotten Tomatoes and displays them alongside movie showings and theatre locations from Caribbean Cinemas.
- Display additional metrics such as a film’s box office performance from websites such as Box Office Mojo, powered by IMDb.
- Enable users to comment on the info page for a film, give the film their own personal score, and add the film to the user’s watched library.
- Provide users with the ability to delete comments or films added to their watch library, adjust scores, and compare ticket prices.

Check/Evaluate

- Platform success will be measured based on whether the relevant data for a film is accurately pulled from the given data sources.
- The website’s database should handle a large volume of comments for a film and have the capacity to archive films removed from theatres.
- Users must be able to successfully purchase tickets for given showtimes and then add the viewed films, with a quantitative score, to their digital library.
- The project is considered a failure if the front end doesn’t display the correct metrics, users can’t securely place payments, or if the database’s capacity isn’t enough to store or archive films not in theatres along with their comments.

Act/Standardize

- Long term project success will be determined by whether the platform can continuously archive films not in theatres and display new films in theatres.
- Upon project completion, the team will have strong skills in full stack, software design featuring a robust CRUD database which can be used for decades.
- These skills can be applied to any software system involving databases and long-term maintenance.
- The project can be extended to aggregate more forum features such as: public user polls, threads, and syncing to external streaming services.