TopReview

Team Name: Good Website Company LTM. LLC.

Team Number: 07

Team Members:

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- Kira Vele; kive7791; kive7791@colorado.edu

Meeting Details:

Note: most meetings will be held online over Zoom unless otherwise communicated

Team Meeting Times:
- Saturdays from 2-4 pm,
    - If this doesn't work, we can use the BigBlueButton conference on canvas.
    - Meeting notes link:
      https://docs.google.com/document/d/1Yb3G51K0Hhl-nyio-hO-Fc4041bIwen0L1_gsPGZ3-o/edit
    - Join Zoom Meeting
    - https://cuboulder.zoom.us/j/99072094017
- Wednesdays during class time (back up/catchup from Saturday meetings)

Team + TA Meeting Times
- Wednesdays @ 11:15 AM - 11:30AM
    - In-person: CSEL
    - Remote: https://cuboulder.zoom.us/j/92526122131

Communication Plan:

Our primary method of communication is text; this is the fastest and easiest method for all group members. In addition, we will communicate with the TA through email.

Application Details

Name: **TopReview**

Description:

Film reviews are a fundamental resource for making an informed decision about whether to watch a movie. However, the abundance of generic and uninformative reviews that merely state "I love this movie!" can obscure the review's value. To address this, TopReview, a website aggregator, summarizes reviews for a particular film using a sentiment analysis API. Consequently, TopReview allows customers to access valuable information about a movie.

TopReview aims to create an aggregator for reviews that lists arguments for and against the movie in question, sorted by individual review sites. This approach offers users the flexibility to customize their preferences. For example, users can select from a dropdown to specify that they want to see the consensus from a specific review site like Rotten Tomatoes. Additionally, users can filter reviews based on their preference for either positive or negative comments.

TopReview's unique value is its provision of a literal text review rather than a mere list of numbers, distinguishing it from other existing review aggregator websites. Text reviews provide more in-depth and detailed information, making them invaluable in the case of finding a movie to watch. Unlike other numerical aggregators, which often fail to address negative or neutral comments about a movie, TopReview addresses this shortcoming by utilizing Google's Sentiment Analysis API and the ChatGPT API to generate comprehensive and exhaustive comments, detailing the movie's positive, neutral, and negative features.

Vision Statement:

For movie lovers trying to get a comprehensive view of a movie without having to read through tens of thousands of reviews from several different platforms, TopReview is a review aggregation website that will gather review/summary data about movies from the open-source realm and give the general sentiment of a movie across different platforms such as IMDB, RottenTomatoes, LetterBox, and more. Unlike Metacritic, which only has numerical scores for movie and film criteria, TopReview will give users an all-encompassing text review.

Github Repository Link:

https://github.com/sima3946/recitation-15-team-07-projectname

Development Methodology:

Week 1: Planning the project and ensuring we are all on the same page regarding implementing our review aggregator and then checking the layout of our webpage, including the functionality of the login, account features, and the home page.

Week 2: Ensuring the website's front-end development and functionalities are complete and testing the website's flow.
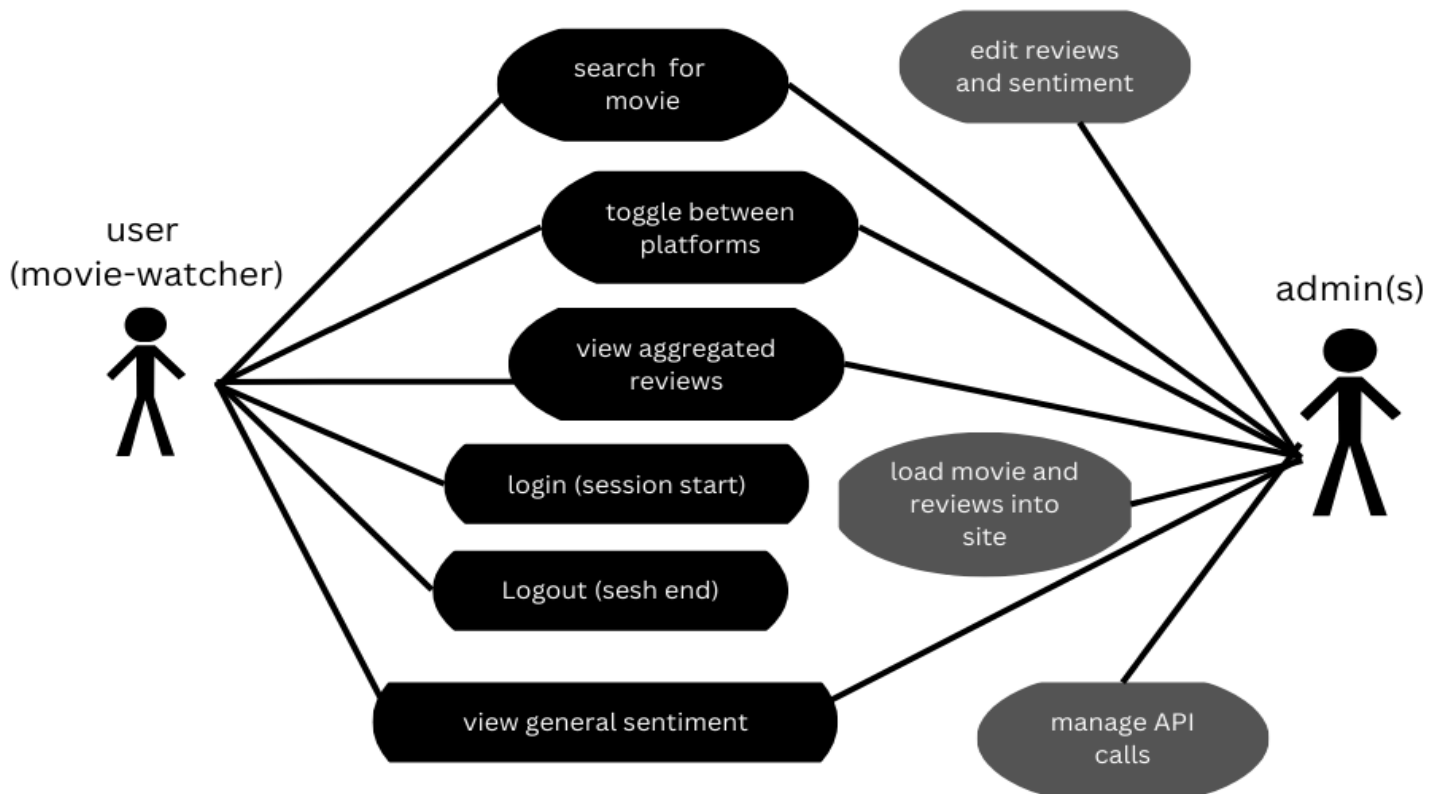
Week 3: Completing the Back end development, aggregating reviews from websites of our choosing, using sentiment analysis to summarize reviews into three categories (positive, neutral, negative) and then testing the web pages to ensure that each API call is working.

Week 4: Revision and case-scenario testing; getting to ice boxes if we have time.

Use Case Diagram:

Use Case Diagram

TopReview

user
(movie-watcher)

admin(s)

- search for movie
- toggle between platforms
- view aggregated reviews
- login (session start)
- Logout (sesh end)
- view general sentiment
- edit reviews and sentiment
- load movie and reviews into site
- manage API calls
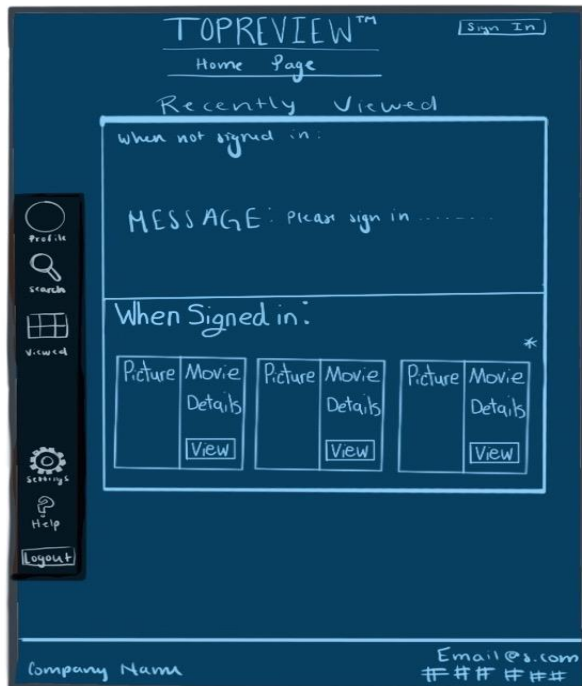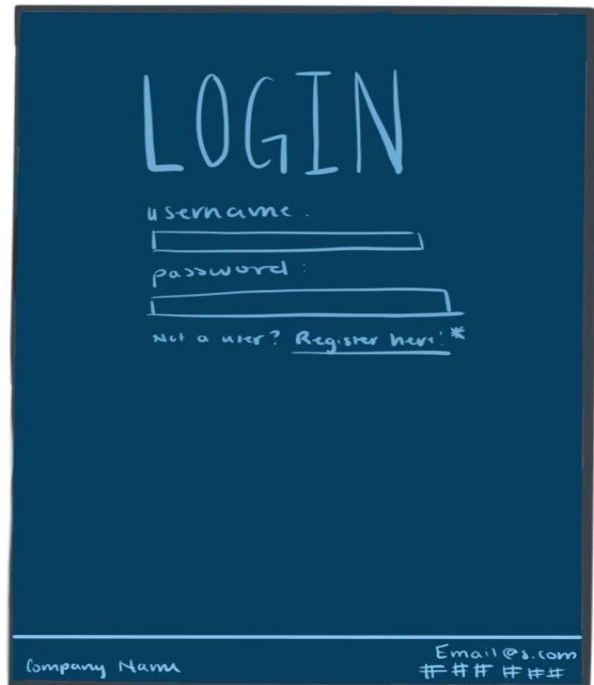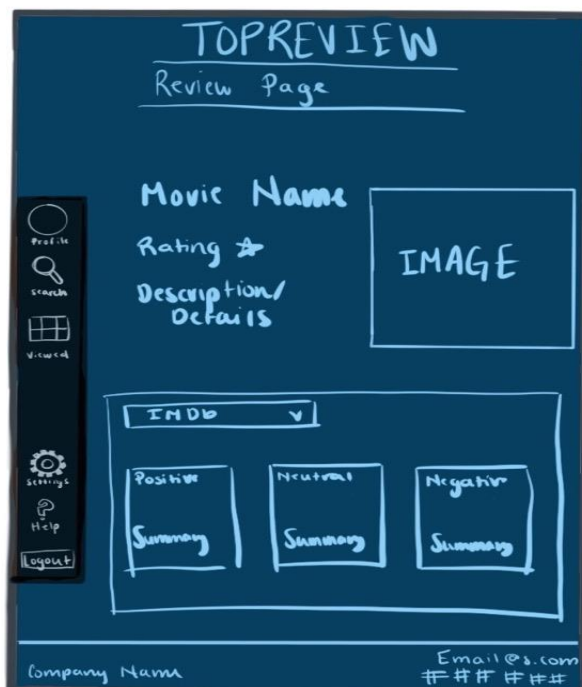
Wireframes:

- Login
- Registration
- Homepage - cards of movies(My list of movies), top reviews (top 5 or so from IMDB, Rotten Tomatoes, etc.)
- Click movie – 3 (positive, negative, neutral) different review summaries for each site

TOPREVIEW™   Sign In
Home Page
Recently Viewed
When not signed in:

MESSAGE: Please sign in . . . .

When Signed in:
*
| Picture | Movie Details | Picture | Movie Details | Picture | Movie Details |
| View | | View | | View | |

Profile
Search
Viewed
Settings
Help
Logout

Company Name   Email @s.com
##

X will lead to showing
5 movie cards

LOGIN
username.
password :

Not a user? Register here! *

Company Name   Email @s.com
##

X register page
looks identical
to login page

TOPREVIEW
Review Page

Movie Name
Rating ⭐
Description/
Details

IMAGE

IMDb ⌄

| Positive | Neutral | Negative |
| Summary | Summary | Summary |

Profile
Search
Viewed
Settings
Help
Logout

Company Name   Email @s.com
##

X register page
looks identical
to login page