

Team 5 CSC 4350:
Software Engineering
Dr. Rao Casturi
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Team Members:

1. Henoeh Tedros
2. Hawa Sylla
3. Zejneb Al-Aboudy
4. Ramtin Rezaei
5. Luis Gonzalez

Project Name: **Movie Review Website**

Phase 1: (Initial)

Project Description

Introduction

Films have been a favorite pastime for many Americans and people all around the globe. Films have also played a prominent role in shaping and influencing cultural norms and shifts since the beginning of their existence. Americans watched an average 1.4 movies in a movie theater over the past 12 months. This includes a historically high 61% who did not visit a movie theater at all, 31% who saw between one and four movies, and 9% who attended five or more.[1] While on the other hand, according to the most recent data, 78 percent of consumers in the United States were using a subscription video-on-demand service in 2020, an increase of more than 25 percent in five years.[2] Streaming has been the platform of choice for many people to enjoy films and it is only beginning to grow in popularity and global reach.

We believe that a movie rating website would be helpful to the millions of consumers who watch films via different subscription platforms. As many films that are being wholly produced by large streaming platforms such as Netflix, and several other players, our movie rating website will provide a place for everyday film streamers and just an average person with some extra time on their hands a place to learn more and hear from other people also watching films like them.

Our movie review website will allow any U.S. based user to create a free account to read, comment/rank other film reviews, and add their own reviews to the website. We will then use a novel ranking system to show which comments are popularized the most by users on the platform.

By creating this website, our aim would be to democratize the movie review system and give people a place to openly express how they felt about a film and what it meant to them. This will also allow people to save time by avoiding films that have generally been unpopular and bring more conversation, and potentially discourse surrounding films that have profound underlying meaning or social implications.

Technologies

For the front end we will use JavaFX to provide a clean and user friendly experience as this software will be interfacing with users of all walks of life. On the backend we will use HTML, CSS, PHP, SQL(database), Python (maybe Java?). As the project continues, we will remain vigilant and agile in our use of technologies and frameworks, meaning if we find a better or more efficient tool than the ones we have listed here then we will make an adjustment as we go through with the project.

Team-Bio Data

Henoch Tedros: is currently a senior Computer Science major at Georgia State University with extensive experience in Java, Python, Flutter, Kotlin and C#. He has done group work throughout his various classes at GSU and in professional settings during internships. He is passionate about Data Mining and Machine Learning applications in healthcare and financial services. Henoch also has experience using Github, writing technical documents and interfacing with clients and front office teams to ensure a high quality deliverable.

Hawa Sylla: Is currently a 4th-year Computer Science Major at Georgia State University. She has experience in Java and other object oriented languages such as Dart and C#. Though she has a passion for Game development, she has recently explored different aspects of Development, such as hybrid app development and UI/UX design. She also works on digital art, having experience in Procreate and the Adobe Suite (Adobe XD, Photoshop, Illustrator, Premiere Pro).

Zejneb Al-Aboudy: is a senior computer science student at Georgia State University and has a year of experience writing technical documentation. Zejneb has moderate experience in HTML, Java, and C. She has experience using Github and Bitbucket to edit files and commit changes. She has several years of experience working on group projects. She is organized, adaptable, and a team player.

Ramtin Rezaei: is a 4th year computer science major at Georgia State University and has two years of experience working in I.T. Ramtin has worked in a company called BITS I.T, where he worked as a mobile technician going to client's houses to fix viruses, wifi, and hardware issues. Ramtin also has taken web programming, so he knows HTML, CSS, and Javascript. He can also program in Java and has done intermediate level projects.

Luis Gonzalez: is a senior CS student at Georgia State University. Luis has professional internship experience and has worked on multiple group projects at school. He is mainly experienced in front end technologies like React, Angular and Web Components but open to learning more on the backend. Luis has also used Github and has experience with Javascript and Java.

Why did we pick this project?

We selected this project because everyone on the team has experience in web programming. Not only will everyone be able to contribute to the project equally, everyone has the ability to choose how they would like to contribute. We believe building a movie review website will be challenging and provide the team a learning experience. We also believe that there is a need for a proper movie review website.