

Project Description

Users

This system will be utilized by users who have an interest in movies, specifically those who want to find information about a movie, leave their opinion about a movie, or those looking for new movies to watch possibly. Users will be able to access it through their computers and the website.

Functionality

The Flick Review System is designed to provide users with an interactive platform to explore, share, and manage movie reviews efficiently. It will have a user-friendly and intuitive interface, allowing users to complete tasks easily. The system helps users discover trending movies, read reviews, and contribute their opinions while maintaining a user-friendly interface. Some features that will help the user accomplish their tasks include a search bar to quickly find a movie, a rating system (such as stars) to indicate review status, a genres section to jump to specific genres, a review submission form for writing reviews, and a like/dislike system to encourage user interaction with reviews.

Components of the System

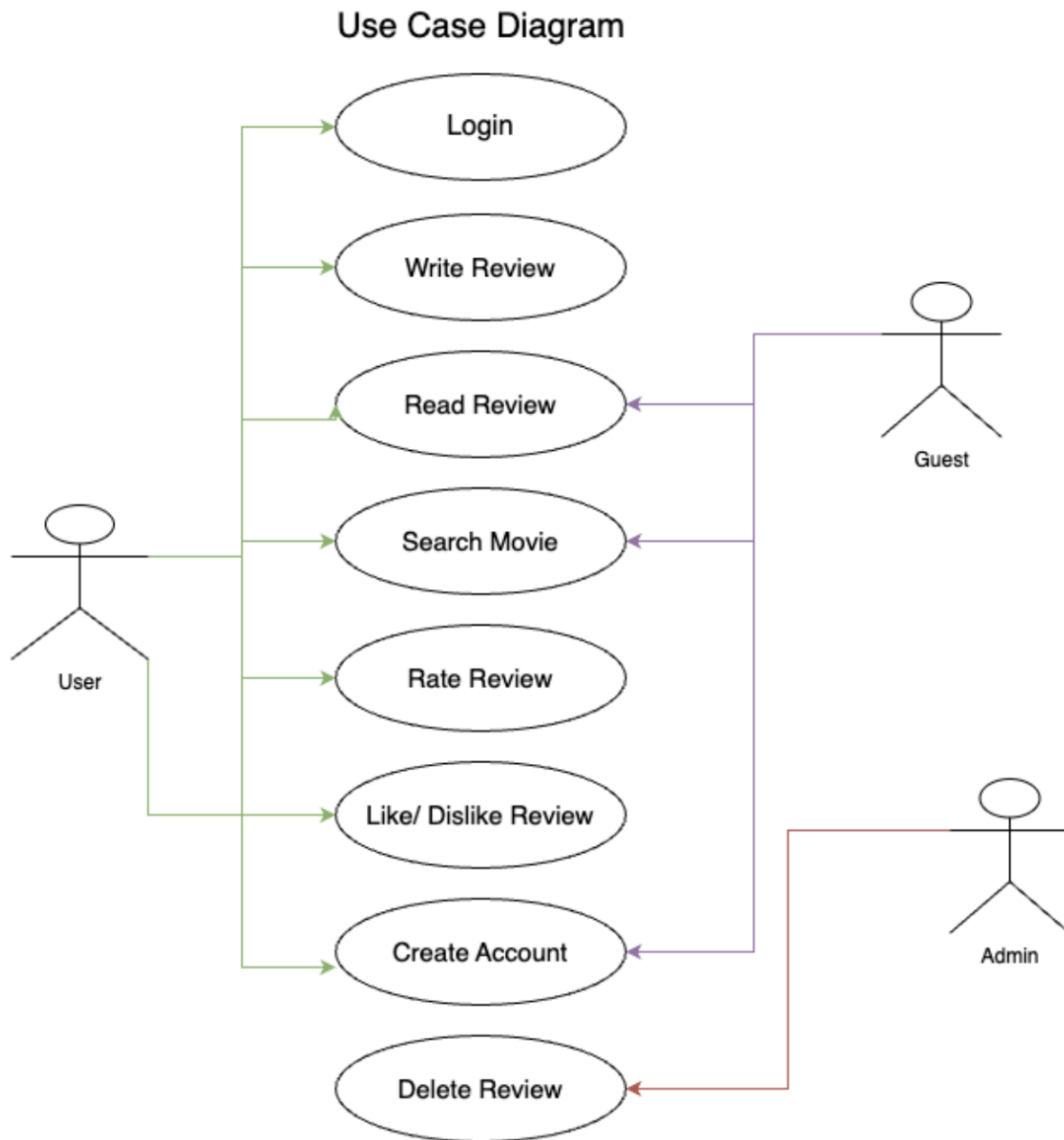
- Front End: Built with HTML, CSS, and JavaScript for a clean, interactive, and user-friendly experience.

Back End:

- SQL Database to store user data and reviews.
- TMDB API to fetch real-time movie details.
- JavaScript for backend logic and API handling.

Team GitItDone

- User Authentication: Managed via Firebase Authentication for secure logins and sign-ups.
- Hosting & Version Control: Hosted on GitHub Pages, with Git for collaboration



Team GitItDone

Functional Requirements

- Users can create an account and log in
- Users can search for movies in a search bar
- Users can browse all movies as is or filtered (by genre, year, etc.)
- Logged-in users can submit reviews, and edit or delete their review
- The system can retrieve movie data from the API
- Admins can moderate user reviews

Non Functional Requirements

Performance

- Each page should be properly optimized to obtain a good loading time
- Retrieving data from the API should return accurate information in a timely manner
- User reviews and ratings should be updated in real-time

Usability

- Each page should use clear labels and familiar icons to enhance the user experience
- UI should be smooth and easy for users to understand and navigate
- Each button should provide clear feedback on the action being performed (“review created”, “unable to complete request”)

Team GitItDone

Security

- The app should provide secure user authentication through Firebase
- Only admin users should be allowed to delete reviews
- Sensitive data should be stored hashed in the database