Abstract:

The objective of our project, Moovify, was to create a web application to search, rate, and review a movie. This app was created so users had easy access to unfiltered movie reviews as well as movie suggestions based on what they review.  
 Users were able to sign up and register as a reviewer on Moovify to search, review, rate, and be given suggestions for other movies. As for non-registered users, they were only able to search for movies and view the movies’ descriptions and their reviews.

Functional Requirements:

1. Login/register in the app to start reviews
2. Rating movies under their account
3. Write a review for movies
4. Search a movie by title, alphabetical, release year, or genre
5. Select a movie and view its information based on main cast, director, genres, and release year
6. Can access suggested searches for movies based on movies they review

Non-Functional Requirements:

1. Backend: Python, using Django framework. Django’s default SQLite for databases. IMDBPy API client for fetching movie info upon search, getting titles of movies based on unique movie ID for reviews and suggested searches.
2. Database for handling user info
3. Database for handling movie info
4. Database for handling reviews and their ratings
5. Frontend: HTML, CSS, Bootstrap