

Movie Recommender

CineVerse

Introduction:

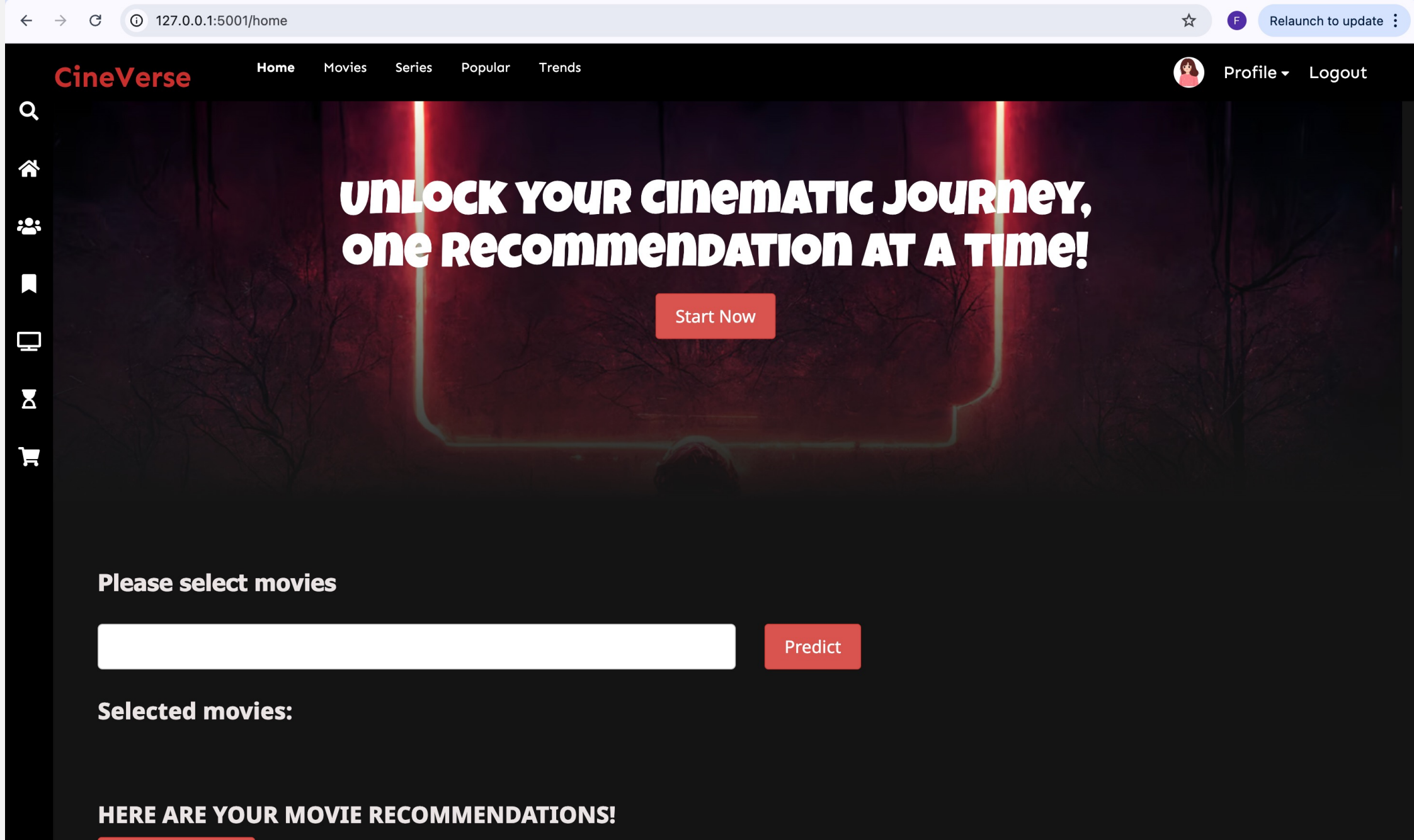
Welcome to **Movie Recommender**! 🚀 Our app is designed to eliminate the stress of choosing what to watch. Simply share your movie preferences, and we will curate a personalized list of 10 must-watch films tailored to your taste. No more endless scrolling or movie-night dilemmas!

With Movie Recommender, you can save time and enjoy a hassle-free movie experience. Your perfect movie is just a click away—get started now and turn every movie night into a memorable event! 🎉

Version i

- ❖ **Enhanced User Experience:** A more intuitive interface for easier navigation and interaction.
- ❖ **Personalized Recommendations:** Users can maintain their viewing history for tailored movie suggestions.
- ❖ **Access to Trailers:** YouTube API integration allows users to watch trailers directly in the software.
- ❖ **Improved Data Management:** SQL database implementation for better storage and user preference tracking.
- ❖ **Secure User Authentication:** Protects user data with secure account management features.

Example



Test Cases

- ❑ **Account Registration:**
 - Fill in email and password to create a new account.
- ❑ **Account Login:**
 - Log in with registered email and password.
- ❑ **Movie Search:**
 - Enter a movie title in the homepage search box to receive predictions.
- ❑ **Movie Rating:**
 - Rate predicted movies as liked, disliked, or not watched.
- ❑ **Profile Viewing:**
 - Access and view user profile details.
- ❑ **Evaluation Results:**
 - Check evaluation results and viewing history of rated movies

NC STATE

UNIVERSITY

Future Plan

Version i + 1

❖ Dynamic Movie List:

- ❑ Update the YouTube API and create a dynamic movie list to replace the static CSV file for real-time updates

❖ Diverse Genre Feature:

- ❑ Showcase diverse movie recommendations across genres, casting, and production styles.

❖ User Profile Enhancement:

- ❑ Improve the user profile page with viewing history and tailored recommendations.

❖ Password Requirements:

- ❑ Add a password visibility option; require minimum length and inclusion of numbers, uppercase letters, lowercase letters, and special characters.

Tools



Flask



HTML



CSS



JS



Video Demo



Github Link



Authors of Poster: Tingxiang Ji, Zhichao Hou, Hui Sun.