Features of
Movie Buddy

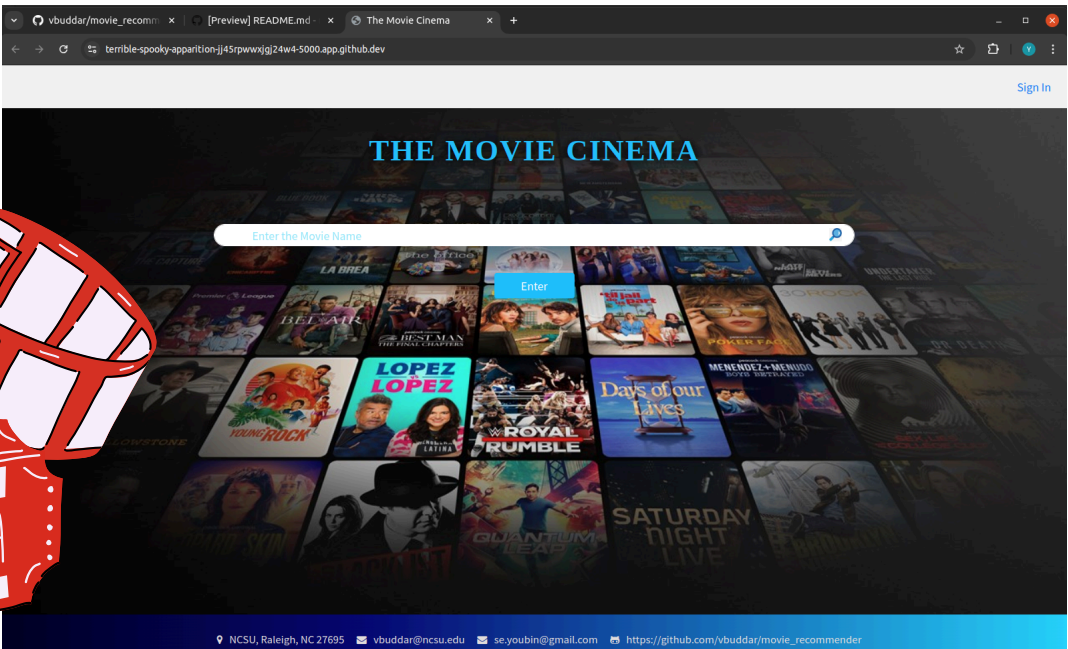## Group 92: Youbin Kim | Naga Buddarapu

About

Your personal movie buddy! It analyzes TMDB data and IMDB reviews using cosine similarity and sentiment analysis to recommend films you'll love. Just share a movie you like, and it quickly provides tailored suggestions. Setting it up is easy, making your movie nights even better!

Why Movie Buddy?

- **AI-Powered Recommendations:**
  Enjoy personalized movie suggestions that perfectly match your tastes.
- **Sentence Transformer BERT model:**
  Get refined accurate tailored recommendations.
- **Dynamic Data Sources:**
  Stay updated with fresh movie suggestions as the system adapts to new releases and trends in real time.

Visual Preview

What's New?

- **Dynamic Updates:** Say goodbye to static details! Enjoy real-time updates on titles, cast, genres, and posters, including the latest releases for an ever-evolving movie experience.
- **AI-Driven Insights:** Powered by advanced machine learning, the system delivers relevant and thematically aligned movie suggestions just for you!
- **Cosine Similarity Metrics:** Using cosine similarity, the system accurately measures how closely related movies are, ensuring relevant suggestions.
- **Personalized Experience:** Now, account registration is available! Enjoy personalized recommendations that explore the nuances of movie content, perfectly tailored to your tastes.

Future Enhancements

- **Collaborative Filtering:**
  Gain insights from similar users for recommendations that match your unique movie-watching habits.

- **Smart Viewing History:**
  Use your viewing history for smarter suggestions, ensuring you never miss a gem—whether it's a classic to revisit or a new discovery!

- **Individualized Following:**
  Follow users with similar tastes!

- **Real-Time Trend Analysis:**
  Get real-time recommendations based on trending movie ratings and audience engagement!

- **Streaming Availability:**
  Find out where to watch instantly.

Tech Spec

QR Codes

GitHub Repo   Sustainabiltiy   Rubric

Find out more!   Demo Video