Cinematic

CSC 440 - Team 2
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Overview

The purpose behind Cinematic is mimic a video rental service such as Netflix or Amazon Video. A user is able to create an account through the system webapp and view a selection of movies to rent.

The main features: User Account Creation, Search/Filter, Cart/Checkout

Main Tools

The backend of Cinematic is written in Python. The Python Flask package is utilized to initialize the app and run an instance on a local web server. Python's SQLalchemy package is utilized to initialize an instance of a database in order to store the information of users, payment information, and create a cart.

Movies are stored as JSON objects and displayed on the movies page.

The front end of Cinematic is written in Javascript and HTML. The front end creates the graphical interface a user can interact with as well as communicating to the backend.

Account Creation

In order to access Cinematic, the initial page of the system prompts a user to login/create an account. Upon account creation, user information will be saved in the database and user will be redirected to the home page.

Cinematic

| Movies | Login | Register | Checkout | Search... |

Login

Username

username

Password

password

☐ Remember Me

Sign In

Don't have an account?

| Movies | Login | Register | Checkout | Search... |

Register

Username

test1

Email

test1@easternct.edu

Password

••••••••

Repeat Password

••••••••

Date of Birth

format: mm/dd/yyyy

Credit Card Number

################

○ Visa
○ Mastercard

Card Expiration

format: mm/yyyy

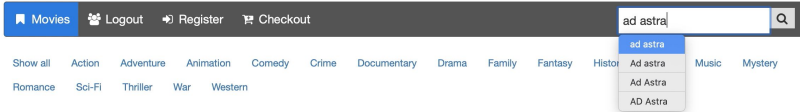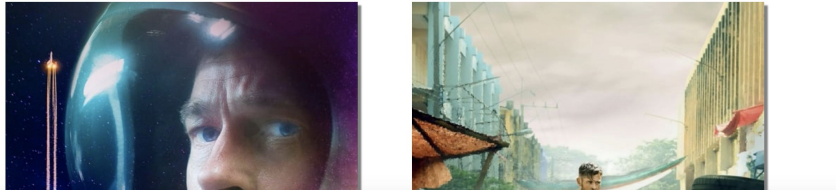**Security Code**

Search/Filter

The search feature uses keywords, movie titles, or cast names to reference the movie objects and display results to the user.
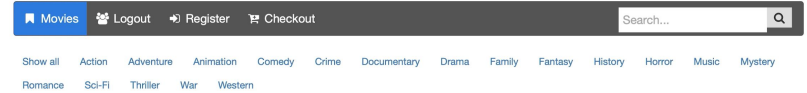
Cinematic

Movies	Logout	Register	Checkout		ad astra

Show all   Action   Adventure   Animation   Comedy   Crime   Documentary   Drama   Family   Fantasy   Histor   Music   Mystery
Romance   Sci-Fi   Thriller   War   Western

ad astra
Ad astra
Ad Astra
AD Astra

Movies

Cinematic

Movies	Logout	Register	Checkout		Search...

Show all   Action   Adventure   Animation   Comedy   Crime   Documentary   Drama   Family   Fantasy   History   Horror   Music   Mystery
Romance   Sci-Fi   Thriller   War   Western

Movies

Search results for 'ad astra'

Movie Rental/Cart

A user may add movies to their cart for checkout. The add to cart will add selected movies to the system database as well as render their total price and movies in the checkout page.

Cinematic

🔖 Movies	👥 Logout	➡️ Register	🛒 Checkout		Search... 🔍

Hello, test1

Title: Extraction	Movie ID: 545609	Cost: 4.99	Remove Item
Title: Once Upon a Time… in Hollywood	Movie ID: 466272	Cost: 4.99	Remove Item
Title: Ad Astra	Movie ID: 419704	Cost: 4.99	Remove Item
		Total cost: 14.97	Purchase

Live Demonstration

CLICK HERE -->