

## Documentaion

### User Manual

האפליקציה שלנו el critico עוסקת בביקורות על סרטים. האפליקציה נותנת מענה למשתמש המבקש לקרוא ביקורות על סרטים, זאת באמצעות מאגר רחב של כ- 10,000 סרטים מקטגוריות שונות, ובשפות שונות. האפליקציה שואפת להעניק למשתמש חווית שימוש באמצעות ממשק נוח **המותאם לשימוש גם במובייל**, מעוצב, ותוך מתן דגש על איכות הביקורות. כך שכאשר משתמש יקליק על קישור לקבלת ביקורת על סרט, הוא יקבל את התוצאה האיכותית ביותר מהצופים, וכן ממבקרי הסרטים המובילים בעולם.

על מנת לממש מטרות אלו, השתמשנו ב API's של New York Times ו- TMDB לשם העברת הביקורות. ביכולתן של המתודות הכלליות הבנויות מ-9 שאילתות כאשר אחת מהן היא Full Text אשר מאפשרות את פונקציונליות האפליקציה לבצע - חיפוש ביקורות לפי: שם סרט, שם מבקר, שם שחקן, שם במאי הוספת ביקורת חדשה וכן מתן תוצאות סטטיסטיות על פופולריות הסרטים בקרב הצופים.

בשלב הפיתוח עמלנו על יצירת תשתית ב- DJANGO שתאפשר לאתר לתקשר עם בסיס הנתונים הכולל 8 טבלאות רלציוניות. סביבת העבודה בה השתמשנו הינה bootstrap. כמו כן ביצענו תמיכה מלאה בשגיאות 500 ו- 404 מבחינת BE ו- FE.

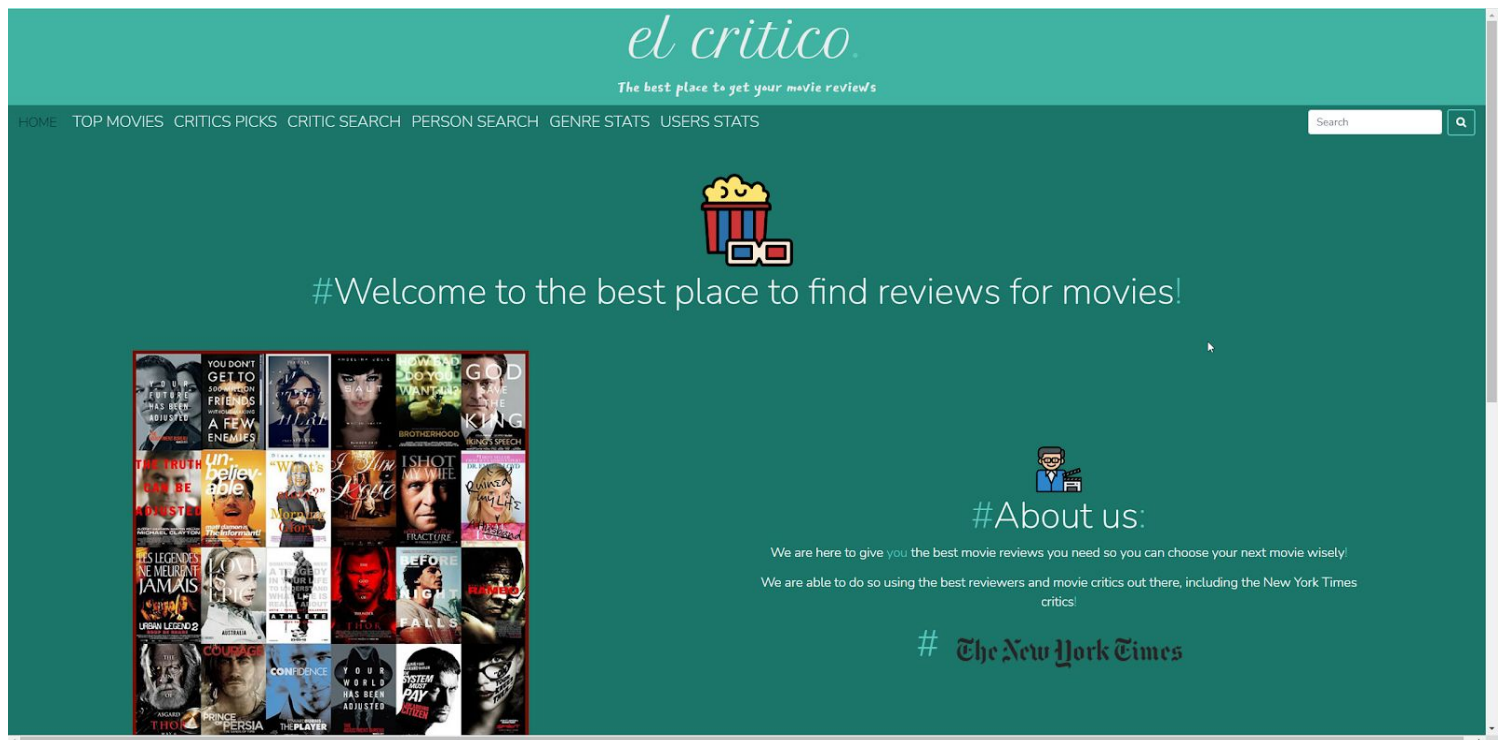
### הנחיות להרמת האתר:

1. יש להתחבר לנובה ולהעלות לשם את כל קבצי הפרויקט.
2. יש להתחבר לdelta-tomcat-vm כמו במדריך, לייצר שם את התיקיה ולהעביר את הקבצים
3. יש לייצר סביבה וירטואלית באופן הבא:  
`virtualenv --python=python3.7 .env`
4. ואז לבצע:  
`source .env/bin/activate.csh`
5. כעת יש להתקין ספריות:  
`python3.7 -m pip install --trusted-host pypi.org django`  
`python3.7 -m pip install --trusted-host pypi.org mysqlclient==1.4`
6. אם ההתקנות לא יעבדו בגלל שגיאת SSL, יש להריץ:  
`setenv LD_LIBRARY_PATH /usr/local/lib/openssl-1.1.1a/lib`  
ואז להתקין.
7. כדי להריץ את השרת:  
`<python3.7 manage.py runserver delta-tomcat-vm:<port number`

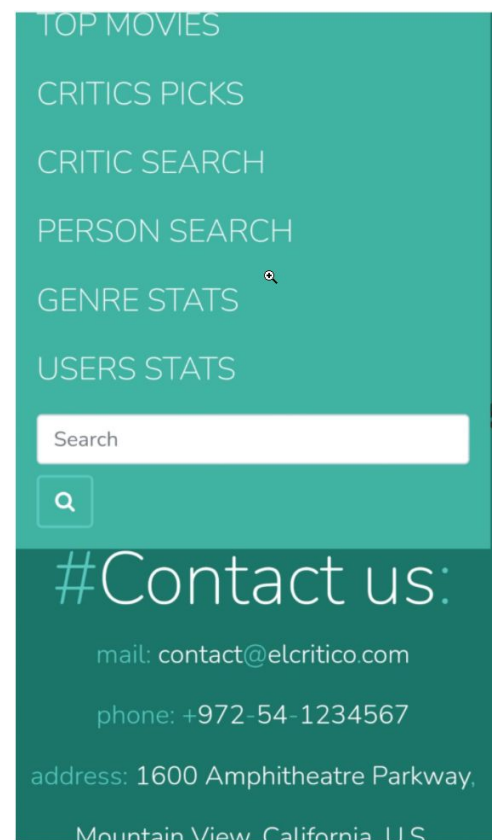
### הצגת האתר על תכונותיו ואופן השימוש:

הקישור לאתר: [/http://delta-tomcat-vm.cs.tau.ac.il:40996](http://delta-tomcat-vm.cs.tau.ac.il:40996)

:PC 1



במובייל:



שורת החיפוש בצד ימין: תאפשר לנו חיפוש מהיר של ביקורות, כאשר הפלטים מפנים לביקורות שכותרתן או התקציר שלהן דומים למילת החיפוש שהוקלדה - ממיינים לפי הקרבה למילת החיפוש.  
להלן תוצאת החיפוש עבור imitation game :

The screenshot shows the 'el critico' website with a teal header. The navigation bar includes links for HOME, TOP MOVIES, CRITICS PICKS, CRITIC SEARCH, PERSON SEARCH, GENRE STATS, and USERS STATS. A search bar is located on the right. The main content area displays the results for the query 'imitation game'. It shows a list of reviews with a summary for each, a link to the 'Original review', and a pagination control showing 'Displaying 1 - 20 reviews out of 53'.

*el critico*  
The best place to get your movie reviews

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS Search

#Here are the reviews for movies that the review headline or summary had a similar phrase to: **imitation game**<sub>1</sub>

Displaying 1 - 20 reviews out of 53

1 2 3 > >>

Review summary: In 1951, Benedict Cumberbatch plays Alan Turing, whose code-breaking work helped win World War II yet whose homosexuality led him to face indecency charges in Britain.	Movie: The Imitation Game	Original review
Review summary: Reese Witherspoon plays cute and single in a mirthless romantic comedy in a movie by Hallie Meyers-Shtyer, the daughter of Nancy Meyers and Charles Shyer.	Movie: Home Again	Original review
Review summary: "Obsessed," a clanking, low-rent imitation of "Fatal Attraction," lacks both the original film's imagination and moral ambiguity.	Movie: Obsessed	Original review

ועבור מילת חיפוש לא מתאימה:

The screenshot shows the 'el critico' website with a teal header. The navigation bar includes links for HOME, TOP MOVIES, CRITICS PICKS, CRITIC SEARCH, PERSON SEARCH, GENRE STATS, and USERS STATS. A search bar is located on the right. The main content area displays a message: 'Sorry, no results came back for zzz. Check again with a different query!'.

*el critico*  
The best place to get your movie reviews

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS Search

Sorry, no results came back for **zzz**. Check again with a different query!

בסרגל הקטגוריות ניתן לראות תכונות נוספות של האתר:

**TOP MOVIES:** כאן נקבל את הביקורת הטובה ביותר עבור אלפי הסרטים הפופולריים ביותר בקרב הצופים - נקבע על ידי ממוצע דירוג מספרי של הצופים מ 1-10. נשים לב שאנו מאפשרים קבלת סרטים שונים עם שם דומה כמו Emporer בדוגמה הנ"ל, וכן שסרגל הקטגוריות נשמר עם גלגול מטה.  
[/http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/popular](http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/popular)

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS

Movie: Emperor Average score: 8.6 Review summary: In this new fact-based film from Mark Amin, a man who had escaped slavery makes his way to John Brown. Original review
Movie: Black Beauty Average score: 8.6 Review summary: Set in the present day, this adaptation of the classic children's novel forgets why the story of a horse surviving the maliciousness of humans has endured for so long. Original review
Movie: Everybody's Everything Average score: 8.6 Review summary: The documentary looks and listens to the emo-rapper, who died two years ago following an accidental overdose. Original review
Movie: Emperor Average score: 8.6 Review summary: In "Emperor," Tommy Lee Jones plays Gen. Douglas MacArthur during the American occupation of Japan that followed World War II. Original review
Movie: David Attenborough: A Life on Our Planet Average score: 8.6 Review summary: In this moving documentary, the famed naturalist maps how steeply the planet's biodiversity has diminished over his lifetime. Original review

**CRITIC PICKS:** בעמוד זה נקבל הפניות לביקורות סרטים המומלצים על ידי מבקרי ה-NYT.  
[/http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/critic-pick](http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/critic-pick)

el critico  
The best place to get your movie reviews

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS

#Here are the reviews for movies that are recommended by  
New York Times critics

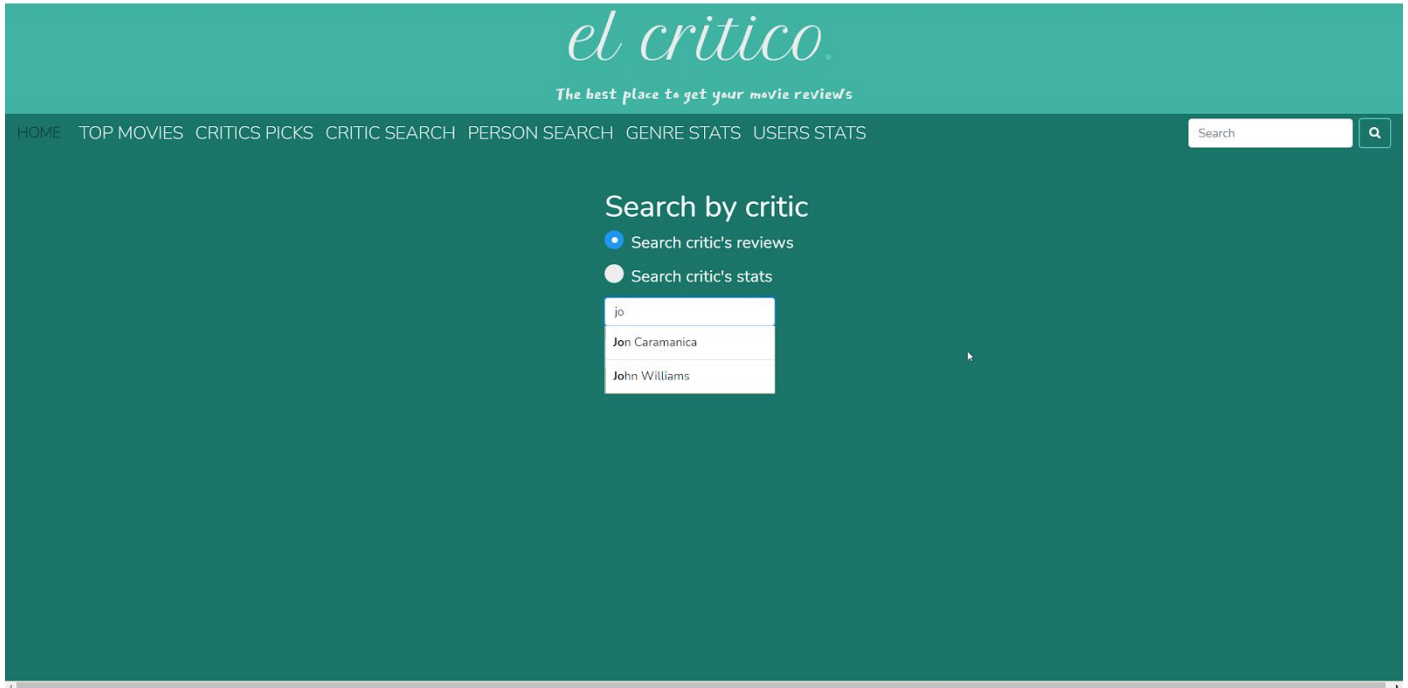
Displaying 1 - 20 reviews out of 555

# The New York Times

1 2 3 > >>

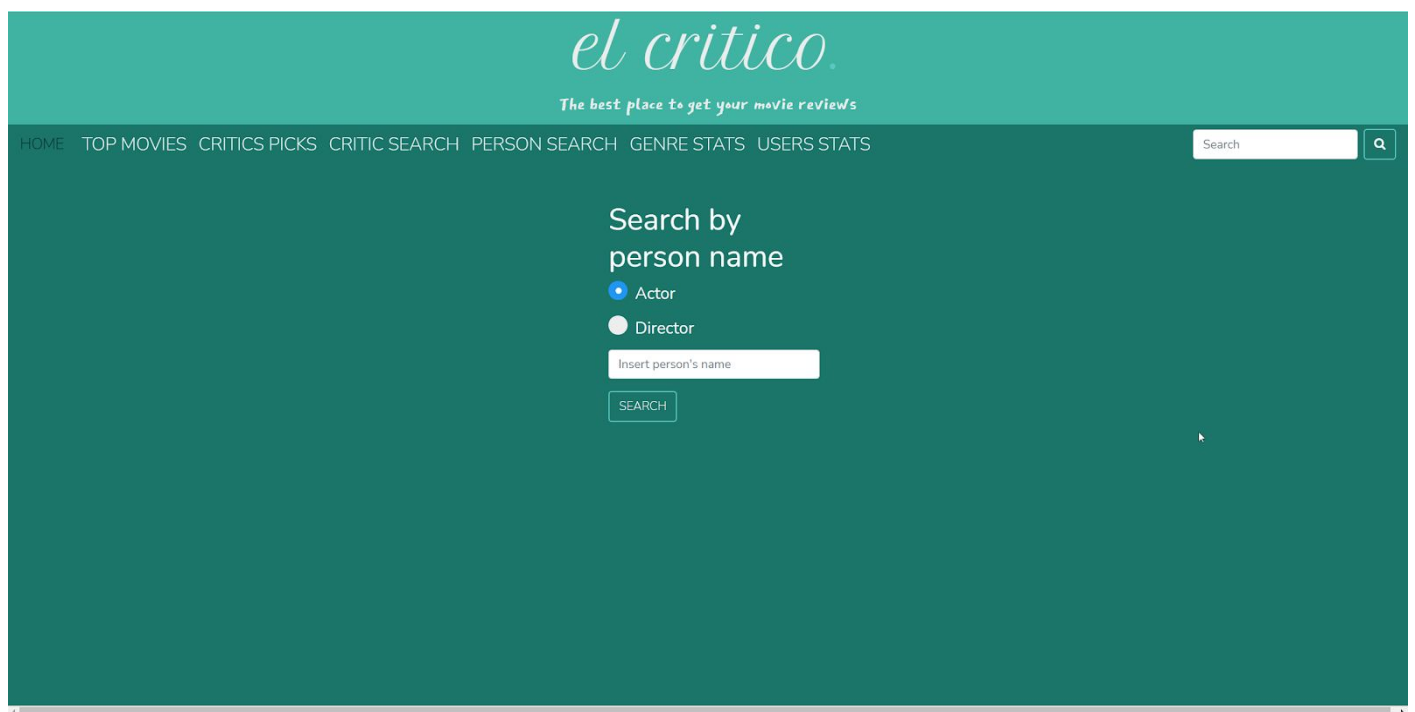
Movie: Pieces of a Woman Review summary: Vanessa Kirby gives an intensely physical performance as a woman whose life and marriage are upended by the death of a child. Original review
Movie: Soul Review summary: This inventive tale stars Jamie Foxx as a jazz musician caught in a world that human souls pass through on their way into and out of life. Original review
Movie: Sylvie's Love Review summary: Tessa Thompson and Nnamdi Asomugha star in a swoony love story that wonderfully rethinks the classic Hollywood melodrama.

**CRITIC SEARCH**: כאן נוכל לחפש את כל הביקורות שכתב המבקר אותו נקליד בשורת החיפוש, וגם את מספר הפעמים שמבקר המליץ על סרט שהוא ביקר. בשורת חיפוש זו קיים מנגנון של השלמה אוטומטית!  
[/http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/critic](http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/critic)





PERSON SEARCH: כאן נוכל למצוא ביקורות על סרטים לפי שם שחקן או לפי שם במאי:  
[/http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/person](http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/person)





el critico

The best place to get your movie reviews

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS

Search

#Reviews of actors with private names that are similar to "benedict"

Displaying 1 - 20 reviews out of 39

12>>

Actor: Benedict Cumberbatch

Actor's popularity: 10.863

Movie: Thor: Ragnarok

Review summary: In the newest, loosest, goofiest and funniest Thor blowout, Chris Hemsworth's superhero chillaxes with the Hulk and takes a punch from a Valkyrie.

Original review

Actor: Benedict Cumberbatch

Actor's popularity: 10.863

Movie: 12 Years a Slave

Review summary: Steve McQueen's "12 Years a Slave," based on the true story of Solomon Northup, drives straight to the heart of the cruelties of oppression.

Original review

Actor: Benedict Cumberbatch

Actor's popularity: 10.863

Movie: Thor: Ragnarok

Review summary: In the newest, loosest, goofiest and funniest Thor blowout, Chris Hemsworth's superhero chillaxes with the Hulk and takes a punch from a Valkyrie.

Original review

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS

Search

Director: Clint Eastwood

Director's information

Director's birthday: 1930-05-31

Director's biography: An American film actor, director, producer, composer and politician. Following his breakthrough role on the TV series Rawhide (1959–65), Eastwood starred as the Man with No Name in Sergio Leone's Dollars Trilogy of spaghetti westerns (A Fistful of Dollars, For a Few Dollars More, and The Good, the Bad and the Ugly) in the 1960s, and as San Francisco Police Department Inspector Harry Callahan in the Dirty Harry films (Dirty Harry, Magnum Force, The Enforcer, Sudden Impact, and The Dead Pool) during the 1970s and 1980s. These roles, along with several others in which he plays tough-talking no-nonsense police officers, have made him an enduring cultural icon of masculinity. Eastwood won Academy Awards for Best Director and Producer of the Best Picture, as well as receiving nominations for Best Actor, for his work in the films Unforgiven (1992) and Million Dollar Baby (2004). These films in particular, as well as others including Play Misty for Me (1971), The Outlaw Josey Wales (1976), Pale Rider (1985), In the Line of Fire (1993), The Bridges of Madison County (1995), and Gran Torino (2008), have all received commercial success and/or critical acclaim. Eastwood's only comedies have been Every Which Way but Loose (1978) and its sequel Any Which Way You Can (1980); despite being widely panned by critics they are the two highest-grossing films of his career after adjusting for inflation. Eastwood has directed most of his own star vehicles, but he has also directed films in which he did not appear such as Mystic River (2003) and Letters from Iwo Jima (2006), for which he received Academy Award nominations and Changeling (2008), which received Golden Globe Award nominations. He has received considerable critical praise in France in particular, including for several of his films which were panned in the United States, and was awarded two of France's highest honors: in 1994 he received the Ordre des Arts et des Lettres medal and in 2007 was awarded the Légion d'honneur medal. In 2000 he was awarded the Italian Venice Film Festival Golden Lion for lifetime achievement. Since 1967 Eastwood has run his own production company, Malpaso, which has produced the vast majority of his films. He also served as the nonpartisan mayor of Carmel-by-the-Sea, California, from 1986 to 1988. Eastwood has seven children by five women, although he has only married twice. An audiophile, Eastwood is also associated with jazz and has composed and performed pieces in several films along with his eldest son, Kyle Eastwood. Description above from the Wikipedia article Clint Eastwood, licensed under CC-BY-SA, full list of contributors on Wikipedia.

Movie: Richard Jewell

Review summary: Clint Eastwood's take on the frenzied aftermath of the Olympic Park bombing is flawed and fascinating.

Original review

Director: Clint Eastwood

Director's information

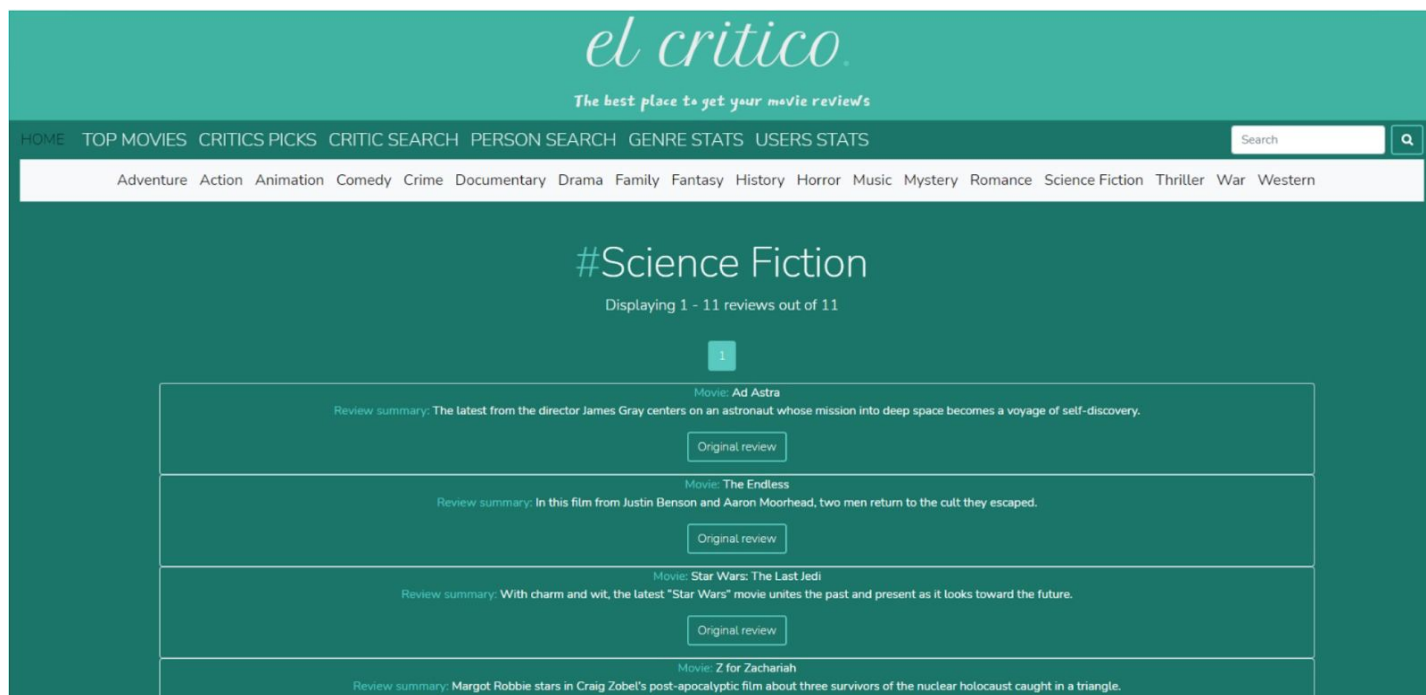
Movie: The Mule

Review summary: In his latest exploration of modern masculinity, the veteran filmmaker plays an unlikely courier for a cartel who finds redemption. It's a rough ride.

Original review

Director: Clint Eastwood

GENRE STATS: בעמוד זה נוכל למצוא ביקורות סרטים על פי ז'אנר עבור סרטים שהמבקר שלהם גם המליץ עליהם (כלומר סרטים שקיבלו top picks), למשל עבור מדע בדיוני:  
[/http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/genere-stats](http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/genere-stats)



*el critico.*  
The best place to get your movie reviews

HOME TOP MOVIES CRITICS PICKS CRITIC SEARCH PERSON SEARCH GENRE STATS USERS STATS

Adventure Action Animation Comedy Crime Documentary Drama Family Fantasy History Horror Music Mystery Romance Science Fiction Thriller War Western

## #Science Fiction

Displaying 1 - 11 reviews out of 11

1

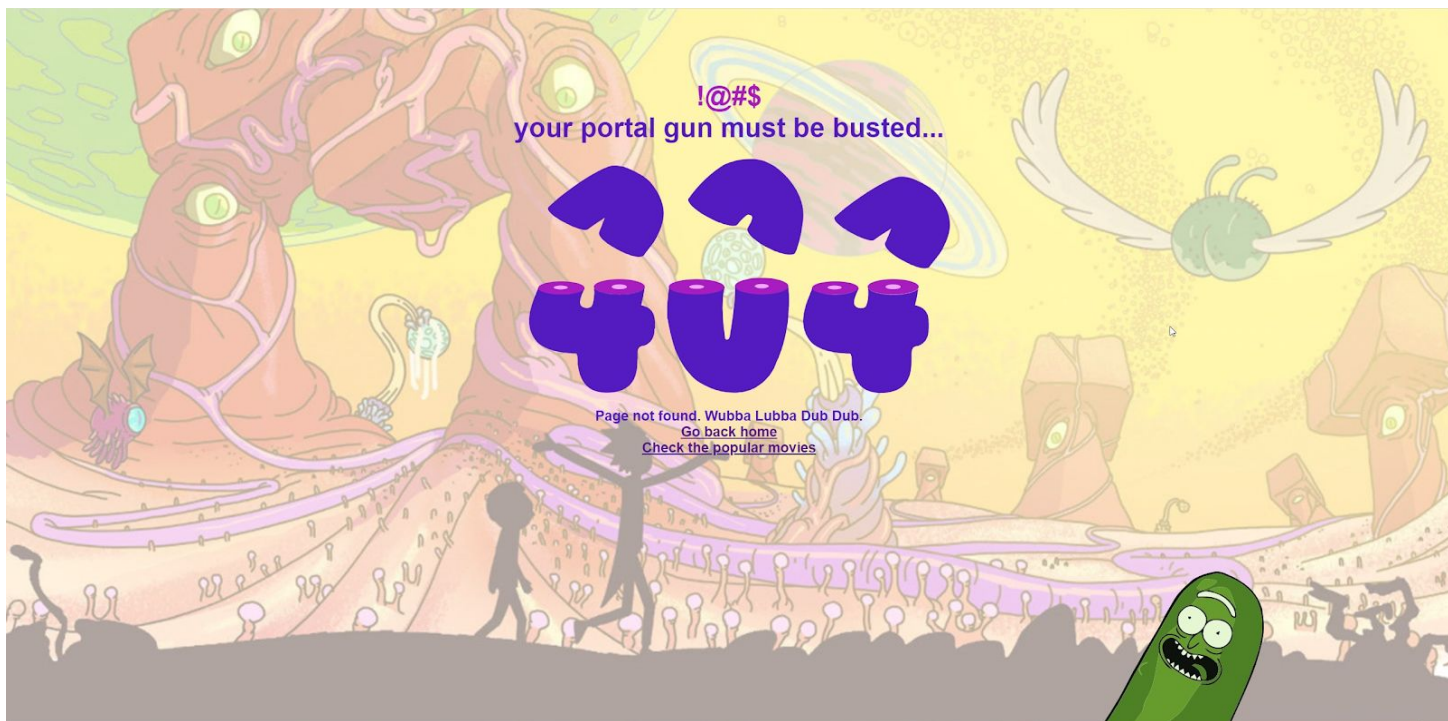
Movie: <i>Ad Astra</i> Review summary: The latest from the director James Gray centers on an astronaut whose mission into deep space becomes a voyage of self-discovery. <a href="#">Original review</a>
Movie: <i>The Endless</i> Review summary: In this film from Justin Benson and Aaron Moorhead, two men return to the cult they escaped. <a href="#">Original review</a>
Movie: <i>Star Wars: The Last Jedi</i> Review summary: With charm and wit, the latest "Star Wars" movie unites the past and present as it looks toward the future. <a href="#">Original review</a>
Movie: <i>Z for Zachariah</i> Review summary: Margot Robbie stars in Craig Zobel's post-apocalyptic film about three survivors of the nuclear holocaust caught in a triangle.

USERS STATS: עמוד זה יציג למשתמש את הסרט הטוב ביותר עבור כל ז'אנר על פי דירוג הצופים.  
<http://delta-tomcat-vm.cs.tau.ac.il:40996/finder/stats/users>



<div>el critico</div> <div>The best place to get your movie reviews</div> <div> <a href="#">HOME</a> <a href="#">TOP MOVIES</a> <a href="#">CRITICS PICKS</a> <a href="#">CRITIC SEARCH</a> <a href="#">PERSON SEARCH</a> <a href="#">GENRE STATS</a> <a href="#">USERS STATS</a> </div> <div> <input type="text"/> <input type="submit" value="q"/> </div>	
<div>#Here are some movies statistics based on user rating (per category)</div>	
<div>Category: Music</div> <div>  Average user score: 6.890804592220262 </div> <div> Average number of votes: 656.2529 </div>	
<div>Category: Western</div> <div>  Average user score: 6.853225807989797 </div> <div> Average number of votes: 926.9516 </div>	
<div>Category: History</div> <div>  Average user score: 6.732692351708045 </div> <div> Average number of votes: 1027.6731 </div>	
<div>Category: Animation</div> <div>  Average user score: 6.685351276255153 </div> <div> Average number of votes: 1013.2735 </div>	
<div>Category: Drama</div> <div> </div>	

טיפול בשגיאה Page Not Found-404:  
מצורפות הפניות לעמוד הבית, ולסרטים הכי פופולריים.



טיפול בשגיאה Internal Server Error-500:

# 500



Sorry, it's me, not you.

:(

*Let me try again!*