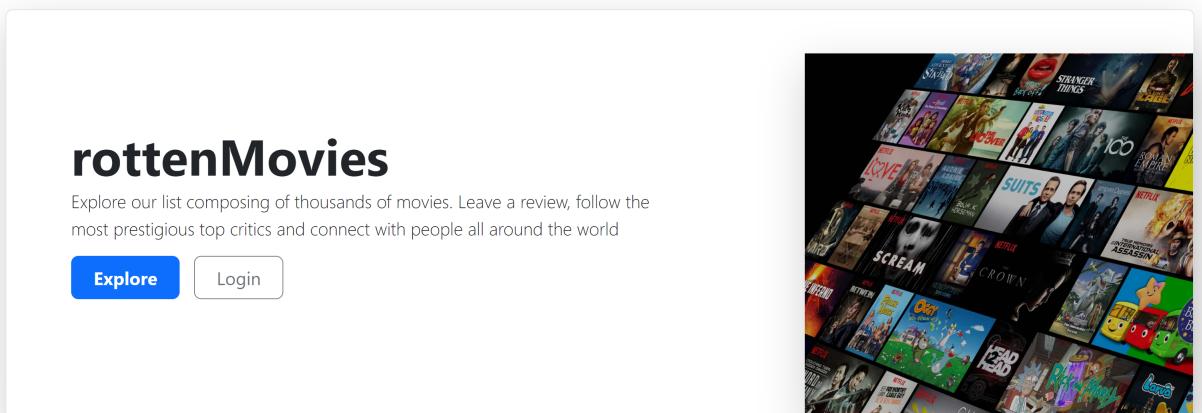


Chapter 1

Instruction Manual

The application is accessible through a web browser and doesn't require an authentication to perform some basic navigation and scrolling of movies and reviews. To leave a review under a movie, follow top critics and receive personalized information, a user must log-in or sign-up to the service. Some notable and certified users may be registered by an administrator as a *Top Critic* which can be followed by other users and whose reviews are highlighted under a movie

1 Greeting Page



The landing page presents the option to jump directly to the main page for exploring movies and incites the new user to login or sign-up to the application.

 rotten Movies ≡

Title Search
 Start Year Range End Year Range
 Personnel
 Must include all names (separate by comma ',')
 Genres
 Must include all genres (separate by comma ',')

Sort By ▼
 top critic rating
 Ascending order

Previous 0 Next


Image Not Found

[On Dangerous Ground](#)
1917 (WARNER BROTHERS PICTURES)

[Drama](#) [War](#)

[William A. Brady](#) [Lucien N. Andriot](#) [Gail Kane](#)
[William Bailey](#) [Carlyle Blackwell](#) [Frances Marion](#)


Image Not Found

[Way Down East](#)
1920 (Kino Lorber)

[Drama](#) [Romance](#)

[William A. Brady](#) [D.W. Griffith](#) [Lillian Gish](#)
[Lowell Sherman](#) [Anthony Paul Kelly](#) [Lottie Blair Parker](#)



[Romeo and Juliet](#)
1916 (Paramount Home Video)

[Drama](#)

[William Shakespeare](#) [John Webb Dillon](#) [Glen White](#)
[J. Gordon Edwards](#) [Phil Rosen](#) [William Fox](#)

The exploring page offers multiple options to filter between all movies inside the database

 rotten Movies ≡

Avengers Search
 Start Year Range End Year Range
 Personnel
 Must include all names (separate by comma ',')
 Genres
 Must include all genres (separate by comma ',')

Sort By ▼
 top critic rating
 Ascending order

Previous 0 Next



[Avengers: Age of Ultron](#)
2015 (Walt Disney Pictures)

[Action](#) [Adventure](#) [Sci-Fi](#)

[Robert Downey Jr.](#) [Joss Whedon](#) [Joe Simon](#)
[Jack Kirby](#) [Stan Lee](#) [Mark Ruffalo](#) [Chris Evans](#)
[Kevin Feige](#) [Chris Hemsworth](#) [Jim Starlin](#)

Upright (76%) Certified Fresh (75%)

[Login to Review](#) 141 mins



[Avengers: Infinity War](#)
2018 (Walt Disney Pictures)

[Action](#) [Adventure](#) [Sci-Fi](#)

[Robert Downey Jr.](#) [Jack Kirby](#) [Stan Lee](#) [Mark Ruffalo](#)
[Chris Evans](#) [Joe Russo](#) [Anthony Russo](#)
[Christopher Markus](#) [Stephen McFeely](#) [Chris Hemsworth](#)

Upright (86%) Fresh (74%)

[Login to Review](#) 149 mins

It is possible to search by

- a string contained in the title
- a range of year in which the movie has been produced
- people that worked on the film. It is possible to build a list of names by employing a

comma (,) and stating if the movie must include all names or at least one of them

- genres. It is possible to build a list of genres by employing a comma (,) and stating if the movie must include all genres or at least one of them

The available sorting options are

- by top critic rating (the default)
- by user critic rating
- alphabetical order
- by date of production

and the user can opt for an ascending or descending sort.

At any point the user can click on the pills of genres or crew members to perform a search with that value.

If a user isn't logged-in, the button under a movie says 'Login to Review' and brings to the login page. Otherwise it becomes 'Review' and clicking on it allows the quick creation or editing of the review for that movie.

The screenshot shows the movie page for 'Avengers: Infinity War' on Rotten Tomatoes. At the top, there's a navigation bar with a magnifying glass icon and the text 'rotten Movies'. Below the title 'Avengers: Infinity War' are the release year '2018', runtime '149 min.', and studio 'Walt Disney Pictures'. A genre filter bar shows 'Action' (highlighted), 'Adventure', and 'Sci-Fi'. The movie's plot summary is listed with bullet points: Robert Downey Jr. as Tony Stark/Iron Man, based on the Marvel comics by Stan Lee; Chris Evans as Steve Rogers/Captain America, director: Anthony Russo; and screenplays by Stephen McFeely, Mark Ruffalo as Bruce Banner/Hulk, director: Joe Russo, screenplay by Christopher Markus; and Chris Hemsworth as Thor. To the right is a large movie poster for 'Avengers: Infinity War'. Below the poster, the user rating is shown as 'User Rating: Rotten' (86%) and the top critic rating as 'Top Critic Rating: Fresh' (74%). A 'login to review this movie' button is at the bottom left. The 'Reviews:' section below features three reviews from users Josh Larsen, Scott Menzel, and Alan Zilberman, each with a snippet of their review and their score.

User	Date	Review Snippet	Score
Josh Larsen	(2018-04-25)	"...a business play forcing us to make yet another down payment on our collective Marvel mortgage."	Review: "2/4"
Scott Menzel	(2018-04-25)	"Be prepared to sweat, cry, and clench your armrest because Avengers: Infinity War is one hell of a ride."	Review: "9.5/10"
Alan Zilberman	(2018-04-25)	"If the Marvel Cinematic Universe aims to reshape popular entertainment, it needs to move beyond climax after climax with unremarkable, repetitive violence."	Review: ""

Selecting a movie allows to see a full description of it

Reviews:

Previous 2 Next

Michael Sangiacomo (2018-04-25)

"Avengers: Infinity War" is almost three hours of non-stop action on multiple battlefields leading to a conclusion that will forever change the Marvel cinematic universe."

Review
Score: "A"

Matthew Razak (2018-04-25)

"This movie isn't actually about the Avengers. It's about Thanos."

Review
Score: "8/10"

Clay Cane (2018-04-25)

"There is a fissure between critics and audiences, which I can admit. The movie is critic-proof. 'Avengers: Infinity War' is superhero porn, strictly for the fans, while 'Black Panther' was undeniably excellent, transcending the comic book fan base."

Review
Score: "B-"

Julian Roman (2018-04-25)

"Infinity War is so gargantuan in scope, it almost becomes too much to digest. The smaller moments that have made the Marvel Cinematic Universe so enjoyable are lost in the spectacle."

Review
Score: "3.5/5"

Hannah Woodhead (2018-04-25)

[View Profile](#) Top Critic ★

"The high doesn't last, but it's dizzying all the same."

Review
Score: "4/5"

Diva Velez (2018-04-25)

"AVENGERS: INFINITY WAR is nearly spread too thin by its massive amount of plot and characters. It redeems itself by being full of surprises and foreboding; focusing on the heroes' relationships and real peril in fierce, unrestrained action."

Review
Score: "3.5/5"

Fico Cangiano (2018-04-25)

"Expectations surpassed. An ambitious, exhilarating and

Review

A selected movie allows also to read a paginated list of all its reviews

If a user isn't logged-in, the button under the movie says 'Login to Review this movie' and brings to the login page. Otherwise it becomes 'Review' and clicking on it allows the creation or editing of the review for that movie.



Please sign in

First Name	John
Last Name	Doe
Username	JDoe99
Password	*****
Birthday	20/07/1999

[Register](#)

[Already a User? Login](#)

User registration requires some basic information about the new user



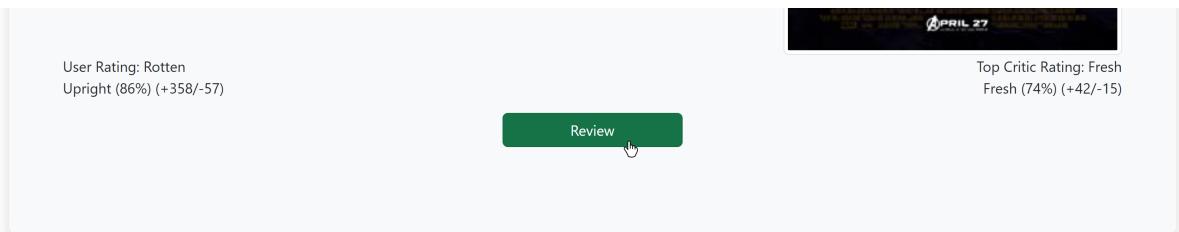
Please login

Username	JDoe99
Password	*****

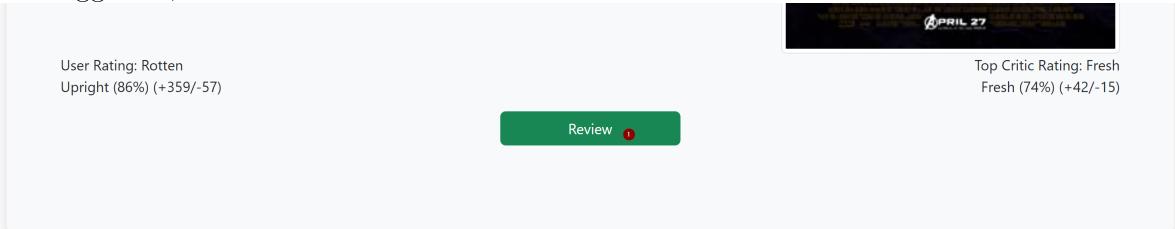
[Login](#)

[Don't have an account? Register](#)

If a user has already registered to the application, he/she can login with its credentials



After loggin-in, a user can leave a review under a movie



Reviews:

[Previous](#) [0](#) [Next](#)

JDoe99 (2023-01-10)

Review
Score: '''

Top Critic Rating: Fresh
Fresh (74%) (+42/-15)

APRIL 27

If a user has never reviewed a movie, a new one is created and can be immediately modified

Reviews:

[Previous](#) [0](#) [Next](#)

JDoe99 (2023-01-10)

Overcomes its artificial contrivances to become a
touching psychological drama about despair and

9/10

Fresh:

[Apply](#)

[Cancel](#)

[Delete](#)

1

2

3

4

5

6

7

8

9

10

Writing a review, a user can write its content, leave a summarizing score and determine if it's a *Fresh* (positive) or *Rotten* (negative) review. Here the user can also choose to delete its review

have made the Marvel cinematic universe so enjoyable

are lost in the spectacle."

Hannah Woodhead (2018-04-25)

[View Profile](#)

Top Critic ★

"The high doesn't last, but it's dizzying all the same."

Review
Score: "4/5"

Top Critic reviews are highlighted by a little label with a star and a link that brings to its user page

Michael Phillips

First Name: Michael
Last Name: Phillips
Registration Date: 2000-01-01

Top Critic *
Number of followers: 28

[Follow](#) [Unfollow](#)

Most recent Reviews:

[Rebuilding Paradise \(2020-07-31\)](#)

"It's frequently gripping and finally very moving."

Review Score: "3.5/4"

[Sputnik \(2020-08-12\)](#)

"The clever and nicely gory "Sputnik" comes from Russia with love, slime, and an impressive lesson in efficient, low-cost pulp filmmaking."

Review Score: "3/4"

[Bill & Ted Face the Music \(2020-08-28\)](#)

"Cheesy, yes, hit-and-miss, maybe, but the bits that work really do work."

Review Score: "3/4"

All reviews:

[The Boss](#)

[Chimes at Midnight](#)

[The Tempest](#)

[Were the World Mine](#)

[Doubt](#)

[Coriolanus](#)

[Oz the Great and Powerful](#)

[In Secret](#)

[Alexandra](#)

[Oliver Twist](#)

[Possession](#)

[Les Misérables](#)

[Monte Carlo](#)

[Paris](#)

[Prometheus](#)

[Atonement](#)

[The American](#)

[The Walk](#)

Viewing the user page of a Top Critic, a user can choose to follow or, if its already a follower, unfollow that critic

The screenshot shows the Rotten Tomatoes homepage. At the top right, there's a "Hall of Fame" dropdown menu. A mouse cursor is hovering over the "Genres" option, which is highlighted with a red dot. Other options in the dropdown are "Production Houses" and "Years". The main content area features a movie card for "Avengers: Infinity War" with its title, release year (2018), runtime (149 min), studio (Walt Disney Pictures), and genres (Action, Adventure, Sci-Fi). To the right of the movie card is a thumbnail image of the movie poster.

The navbar for a user that hasn't logged-in has some basic features

The screenshot shows the "Genres" page. At the top, there's a search bar with "Top Critic rating" selected and a dropdown menu set to "5". Below this is a table listing the top 10 genres based on top critic rating:

#	Genre	Top Critic Rating	Movie count
1	Documentary	75,09%	1430
2	News	72,50%	22
3	Biography	63,02%	968
4	History	62,59%	532
5	Music	60,23%	551
6	Film-Noir	59,42%	121
7	Sport	55,80%	328
8	War	55,78%	364
9	Animation	54,20%	380
10	Drama	53,32%	7565

This page shows the best genres across all movies, sorted by top critic rating or user rating. It is also possible to specify the minimum number of movies that a genre must have to appear in the list

The screenshot shows the "Production Houses" page. At the top, there's a search bar with "Top Critic rating" selected and a dropdown menu set to "5". Below this is a table listing the top 10 production houses based on top critic rating:

#	Name	Top Critic Rating	Movie count
1	HBO Documentary Films	95,50%	10
2	Rialto Pictures	94,07%	15
3	The Cinema Guild	92,78%	9
4	HBO	92,40%	5
5	Cinema Guild	91,00%	20
6	Disney/Pixar	89,88%	8
7	Docurama	89,00%	6
8	Gravitas	88,83%	6
9	Janus Films	88,46%	13
10	Area 23a	87,67%	6

This page shows the best production houses based on the reviews left by users on the platform. They can be sorted by top critic rating or user rating and the user can specify the minimum number of produced movies to appear on the list

rotten Movies

Sort By Minimum number of movies released

#	Year	Top Critic Rating	Movie count
1	1912	76,14%	7
2	1950	68,63%	38
3	1930	66,31%	26
4	1951	65,63%	46
5	1924	62,50%	22
6	1933	62,50%	34
7	1918	62,35%	26
8	1953	61,55%	42
9	1952	59,50%	40
10	1955	58,75%	59

This page shows the best years in terms of produced movies with positive reviews left by users on the platform. They can be sorted by top critic rating or user rating and the user can specify the minimum number of released movies in that year to appear on the list

Explore
Join our community, post your thoughts and follow like-minded top critics

Links
[Index](#)
[Logout](#)

Personal Area 2

- Your profile 1
- Suggestions
- Your preferred genres
- Your personal feed

rotten Movies

Avengers: Infinity War

2018, 149 min, Walt Disney Pictures

Action Adventure Sci-Fi



The navbar of an authenticated user shows some more personalized pages

JDoe99

First Name: John
Last Name: Doe

Password

first name

last name

Birthday

Update

Registration Date: 2023-01-10
Normal User

Most recent Reviews:

[Avengers: Infinity War \(2023-01-10\)](#)

"Overcomes its artificial contrivances to become a touching psychological drama about despair and loneliness." Review Score: "9/10"

[Romeo and Juliet \(2023-01-10\)](#)

"Romeo and Juliet (1968) is Florentine director Franco Zeffirelli's beautiful modern interpretation of Shakespeare's enduring, classic yet tragic love story of" Review Score: "2/5"

[The Three Musketeers \(2023-01-10\)](#)

"It might look good but it doesn't taste that good after a few bites." Review Score: "C-"

All reviews:

[Avengers: Infinity War](#)

[Romeo and Juliet](#)

[The Three Musketeers](#)

In the personal page, a user can change its credentials, see its three most recent reviews and

the list of all its reviewed movies.

Leaving the password field blank won't change it.

rotten Movies

Here you can find your top critic suggestions, JDoe99

#	Username	Rate	
1	Edward Douglas	80	Follow
2	Robert Denerstein	80	Follow
3	Tim Appelo	80	Follow
4	Peter Rainer	75	Follow
5	Roxana Hadadi	75	Follow
6	Richard Roeper	75	Follow
7	Joe Morgenstern	75	Follow
8	Matt Zoller Seitz	75	Follow
9	Owen Gleiberman	75	Follow
10	Sean P. Means	75	Follow

The suggestion page shows a list of possible top critics that the user could follow. These top critics are chosen based on common reviewed movies (both positively or both negatively) between the two. The Rate index shows the estimated probability that the user might align with the suggested top critic views.

rotten Movies



#	Genre	Review count
1	Sci-Fi	2
2	Adventure	2
3	Action	1
4	Drama	1

The preferred genres page shows an aggregated overview of genres reviewed by the user. This highlights possible preferences towards certain genres more than others.

Here is your review feed, JDoe99

Bill & Ted Face the Music	Michael Phillips	Date: "2020-08-28"
"Cheesy, yes, hi..."	Read full review	
Sputnik	Michael Phillips	Date: "2020-08-12"
"The clever and ..."	Read full review	
Rebuilding Paradise	Michael Phillips	Date: "2020-07-31"
"It's frequently..."	Read full review	
I Used to Go Here	Michael Phillips	Date: "2020-07-28"
"The lightly car..."	Read full review	
The Rental	Michael Phillips	Date: "2020-07-23"
"It starts out g..."	Read full review	
Yes, God, Yes	Michael Phillips	Date: "2020-07-22"
"One of this sum..."	Read full review	
Married to the Mob	Roger Ebert	Date: "2020-07-18"
"The results are..."	Read full review	
Bloody Nose, Empty Pockets	Michael Phillips	Date: "2020-07-10"
"This movie crea..."	Read full review	

The feed shows a list of recent reviews written by followed top critics. The review contains an excerpt of the full content, which can be seen by clicking on the button *Read full review*.



Please login

Username	admin
Password	*****

Login

[Don't have an account? Register](#)

A special kind of user can log-in to perform administration task on the application

The admin navbar allows to reach the administrator panel

Username	Registration Date	Type	Birthday
Bob Bloom	2014-06-07	Normal User	1998-08-10
Bob Thomas	2001-01-13	Top Critic ★	----
Bob Mondello	1990-06-11	Top Critic ★	----
Bob Strauss	1997-04-22	Top Critic ★	----
Bob Grimm	2014-08-23	Normal User	1989-07-06

In the administrator panel the admin can search for a specific user. The side panel links to different analytic pages about the status of the application

Bob Bloom

First Name: Bob
Last Name: Bloom
Registration Date: 2014-06-07
Normal User

BAN **UNBAN**

Most recent Reviews:

[Love & Debt \(2020-08-19\)](#)

"Love & Debt" ends on a note of hopeful uncertainty. It is a movie that offers lessons that hundreds of families who are struggling today can learn from and embrace.

Review Score: "3/4"

[Tesla \(2020-08-19\)](#)

"The crucial flaw with "Tesla" is that it, ironically, lacks spark. Almerryda's depiction of Tesla may be accurate, but cinematically it filters the spotlight that this nearly

Review Score: "2/4"

After selecting a user, the admin can ban or unban it

rotten Movies

Insert start year, the offset and the index

Year	Count
1970-1975	815
1975-1980	803
1980-1985	834
1985-1990	817
1990-1995	808
1995-2000	806
2000-2005	757
2005-2010	327

Search

This analytic shows the number of registered users for each year range, passed as input

rotten Movies

#	Username	Type	Number of Reviews
1	Emanuel Levy	TopCritic	5850
2	Roger Ebert	TopCritic	4850
3	Dennis Schwartz	User	4813
4	Brian Omdorf	User	4546
5	Frank Swietek	User	4528
6	Jeffrey M. Anderson	User	4153
7	Roger Moore	TopCritic	4143
8	James Berardinelli	TopCritic	3995
9	David Nusair	User	3908
10	Frederic and Mary Ann Brussat	User	3677

This page shows a ranking of users based on their number of reviews. This can be useful to verify a possible automated user, or promote a certified active user as a top critic

rotten Movies

#	Username	Type	Number of Reviews
1	Elissa Suh		44
2	Gene Stout		41
3	Harry Carr		41
4	Lynne Heffley		41
5	Gemma Files		41
6	Chris Harvey		40
7	Suzanne S. Brown		40
8	Julia Irion Martins		40
9	Manohla Dargis		40
10	Drew Toal		40

With this page, the administrator can see a ranking of most active top critics, based on the number of reviews



Please sign in

First Name	Alice
Last Name	Johnson
Username	AJohnson87
Password	*****
Birthday	12/03/1987

Register



The top critic creation page isn't accessible to the public, only to the registered administrator. It is very similar to the user registration page, but it doesn't redirect to the explore movie page after a successful sign-up

The screenshot shows the Rotten Tomatoes search interface. At the top, there's a search bar with the placeholder "Avatar". Below it are two input fields for "Start Year Range" (1980) and "End Year Range" (2020). There are also dropdowns for "Personnel" (set to Leonardo DiCaprio, Johnny Depp) and "Genres" (set to Adventure, Sci-Fi). To the right of these are "Sort By" options ("top critic rating" selected) and an "Ascending order" toggle. At the bottom of the search bar are "Previous", "0", and "Next" buttons. To the right of the search bar, there's a green "Add Movie" button with a hand cursor icon over it. Below the search bar, there are three movie cards. The first two cards are partially visible, each with an orange "View Details" button. The third card is fully visible and shows a poster for the movie "ROMEO + JULIET" featuring Leonardo DiCaprio and Claire Danes.

Adding a new movie is done through the explore movie page. A new button labeled *Add Movie* appears near the *Search* one and will create a new movie, temporarily named as the string currently present in the search bar

title
Avatar 2

year
2022

runtimeMinutes
192

productionCompany
AMC

genres (use a comma ',' separated list of genres)
Action, Adventure

posterUrl
posterUrl

Personnel

primaryName	James Cameron
category	Director
job or interpreted characters	job_characters
primaryName	Sam Worthington
category	Actor
job or interpreted characters	Jake Sully

After adding a movie, or when selecting an existing one, the administrator can change its descriptive information

primaryName	Balwant Bhatt
category	director
job or interpreted characters	job_characters
primaryName	Master Bhagwan
category	actor
job or interpreted characters	job_characters

Update **Delete** **Check Review Bombing**

When viewing a movie, the administrator can check for possible review bombing for this movie, by clicking on the specific button

rotten Movies

Insert the number of month
36

Search

Movie	Storic Count	Storic Rate	Target Count	Target Rate
Joker	528	12.0	44	6.0

Admin manual

Movie: title of the selected movie

Storic Count: count of total number of review before the date: today - number of month passed in the input

Storic Rate: rate of the positive review before the date: today - number of month passed in the input

Target Count: count of the total number of review between today and the date: today - number of month passed in the input

Target Rate: rate of the positive review between today and the date: today - number of month passed in the input

The review bombing page shows some statistics about recent reviews made on a specific movie. An info box explains the meaning of each value