

# Watchlist

Kevin Childs  
@Kevinicus37 on GitHub

# Description

Watchlist allows a user to keep track of, explore, and monitor movies that they want to see. They can stay apprised of new and upcoming releases. Users of watchlist won't need to worry about remembering the name of a movie when it's finally released months later.



# Features

- User Authentication with change password option
- Search (TMDB.org) for movies to keep track of.
- Add and remove movies from a personalized watchlist
- Sort and search a user's watchlist
- View movie info, including poster, cast, director, and trailer
- Customized profile picture



# Planning - User Stories

- Search TMDb.org via their API for movies
- Users can create and login to their account.
- Once logged in, users can:
  - View Movie Info
  - Save and remove titles titles to and from their Watchlist
  - Add and change their profile picture
  - View another user's watchlist



# Planning - Database

User - A generic user with an account. A user has a One-to-Many relationship with a Movie.

Movie - Includes details about a movie - title, release date, cast, directors, poster and trailer info, etc. Has a Many-to-Many relationship with Genre, Director, and CastMember entities.

Genre/Director/CastMember - Store names of movie fields.  
CastMember includes tmdb.org ID information.



# Technology Stack

- Java
- Spring Boot
- Thymeleaf
- SQL
- TMDb.org restful API
- Bootstrap (version 4)



# Demo



# Login

Watchlist Search TMDb.org

Register Login

## Login

Username

Password

Login

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





# Search (TMDb.org)

[Watchlist](#) [Search TMDb.org](#) [My Watchlist](#)

Hello, Kevinicus! [Logout](#)

Search TMDb.org by:

Title

Title

Cast

Search




# Search Results


[Watchlist](#) [Search TMDb.org](#) [My Watchlist](#) Hello, Kevinicus! [Logout](#)

Search TMDb.org by:


Showing results 1 - 20 for: star wars




**Star Wars (1977)**  
*Directed by George Lucas*  
Princess Leia is captured and held hostage by the evil Imperial forces in their effort to take over the galactic Empire. Venturesome Luke Skywalker and dashing captain Han Solo team together with the lovable robot duo R2-D2 and C-3PO to rescue the beautiful princess and restore peace and justice in the Empire.




**Star Wars: The Rise of Skywalker (2019)**  
*Directed by J.J. Abrams*  
The surviving Resistance faces the First Order once again as the journey of Rey, Finn and Poe Dameron continues. With the power and knowledge of generations behind them, the final battle begins.




**Star Wars: The Force Awakens (2015)**  
*Directed by J.J. Abrams*  
Thirty years after defeating the Galactic Empire, Han Solo and his allies face a new threat from the evil Kylo Ren and his army of Stormtroopers.



**Star Wars: The Last Jedi (2017)**  
*Directed by Rian Johnson*  
Rey develops her newly discovered abilities with the guidance of Luke Skywalker, who is unsettled by the strength of her powers. Meanwhile, the Resistance prepares to do battle with the First Order.



**Solo: A Star Wars Story (2018)**  
*Directed by Ron Howard*  
Through a series of daring escapades deep within a dark and dangerous criminal underworld, Han Solo meets his mighty future copilot Chewbacca and encounters the notorious gambler Lando Calrissian.




**Rogue One: A Star Wars Story (2016)**  
*Directed by Tony Gilroy, Gareth Edwards*



# Movie Info

[Watchlist](#) [Search TMDb.org](#) [My Watchlist](#) Hello, Kevinicus! [Logout](#)



## Black Widow (2020)


[Remove From Watchlist](#)

### Synopsis

Natasha Romanoff, also known as Black Widow, confronts the darker parts of her ledger when a dangerous conspiracy with ties to her past arises. Pursued by a force that will stop at nothing to bring her down, Natasha must deal with her history as a spy and the broken relationships left in her wake long before she became an Avenger.

### Top Cast Members

<a href="#">Scarlett Johansson</a>	<a href="#">Florence Pugh</a>	<a href="#">David Harbour</a>
<a href="#">O.T. Fagbenle</a>	<a href="#">Rachel Weisz</a>	<a href="#">Robert Downey Jr.</a>
<a href="#">William Hurt</a>	<a href="#">Ray Winstone</a>	<a href="#">Simona Zivkowska</a>
<a href="#">Yolanda Lynes</a>		



**Kevinicus**  
[Watchlist](#)

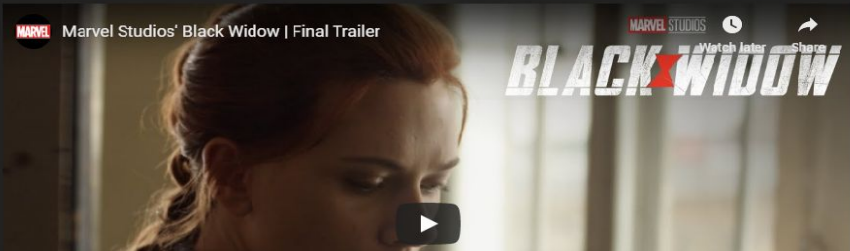
---

**Directed By:**  
Cate Shortland

**Runtime:** 0 min.

**Genres:**

- Action
- Thriller
- Adventure





# User Watchlist

Watchlist Search TMDb.org My Watchlist

Hello, Kevinicus! Logout

Search

Sort By...

Title



Sort



## A Quiet Place Part II (2020)

Directed by John Krasinski

Following the events at home, the Abbott family now face the terrors of the outside world. Forced to venture into the unknown, they realize that the creatures that hunt by sound are not the only threats that lurk beyond the sand path.

Remove from Watchlist



## Bill & Ted Face the Music (2020)

Directed by Dean Parisot

Two would-be rockers from San Dimas, California, are once told they'd save the universe during a time-traveling adventure, but find themselves as middle-aged dads still trying to crank out a hit song and fulfill their destiny. Out of luck and inspiration, Bill and Ted set out on another time travel adventure to seek the song that will set their world right and bring harmony in the universe as w...

Remove from Watchlist



## Black Widow (2020)

Directed by Cate Shortland

Natasha Romanoff, also known as Black Widow, confronts the darker parts of her ledger when a

Remove from Watchlist



Kevinicus

Watchlist

## Coming Soon

Title	Release
Tenet	07-15-2020
Mulan	07-23-2020
Wonder Woman 1984	08-12-2020
Bill & Ted Face the Music	08-20-2020
A Quiet Place Part II	09-03-2020
The King's Man	09-16-2020



# Manage Profile

[Watchlist](#) [Search TMDb.org](#) [My Watchlist](#) Hello, Kevinicus! [Logout](#)

## Manage User Account

Current Password

New Password

Verify New Password

[Update Password](#)



Kevinicus

Watchlist

[Set Profile Picture](#)

[Browse](#)



# What I Learned

- Expanded Authentication knowledge (specifically `HandlerInterceptorAdapter`).
- Connecting to, and getting data from, an API both with an existing library and manually
- Uploading a file - Profile picture for a user account.



# What's Next

- A “Remember Me” option to improve accessibility
- Improving the overall layout of the site
- Adding the ability to rate and comment on a movie in a list
- Adding new lists for movies to buy and for a user’s personal collection of owned titles, including formats and features
- Adding pagination to lists
- Updating search and Sort Features
- Filtering search results by genre/cast/director/release

