

MediaSearchApp-GCP

Server-side Scripting with Angular, AJAX, JSON, Node.js, and TMDB API

Creating a webpage that allows users to search for information regarding movies and TV shows using the TMDB API and upon selection can display results on the details page of that specific movie or TV show. Users can view popular, top-rated and trending movies and TV shows on the home page along with currently playing movies.

The user will first open Home page, where the navbar contains Search Bar and user can enter the movie or TV show name and select from a list of matching movie/TV show names along with images using “autocomplete”. Selecting the movie or TV show name will lead to the details page of that movie or TV show.

(In short: A webpage that allows users to search for information regarding movies and TV shows using the TMDB API and upon selection can display results on the details page of that specific movie or TV show. Implementing a user personal playlist for the movies/ TV shows.)

External APIs

- TMDB API

Front-end Technologies

- HTML5
- CSS
- AJAX
- Bootstrap 4(Responsive Web Design)
- Angular 10+ **Framework**: a toolset for building the framework most suited to your application development. (reference: <https://angular.io/>)

Back-end Technologies

- NodeJS/Express
 - Node.js: a JavaScript runtime built on Chrome's V8 JavaScript engine. Node.js uses an eventdriven, non-blocking I/O model that makes it lightweight and efficient. (reference: <https://node.js.org/en/>)
 - Express.js: standard server **framework** for Node.js. (reference: <http://expressjs.com/>)

Cloud

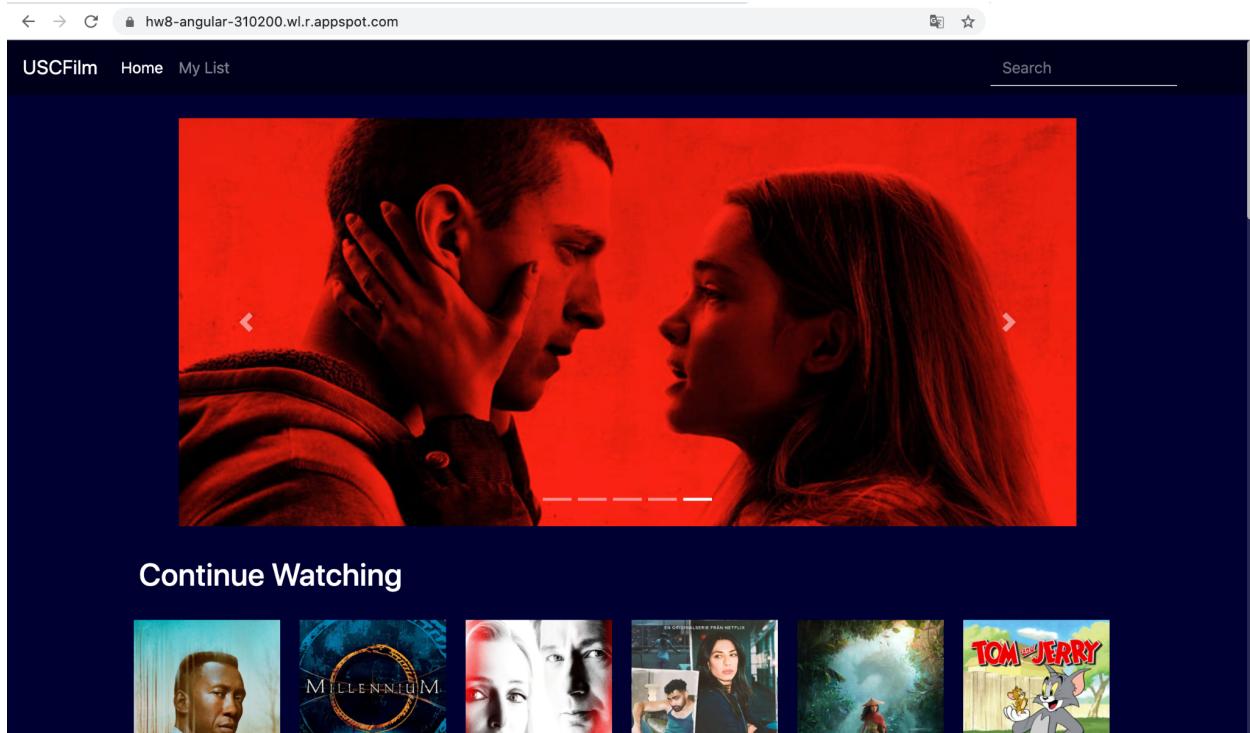
- Google Cloud Platform

HomePage

The Home Page has a largest self-rotating carousel that show the top 5 of “Currently Playing Movies” and 6 small carousels for popular, top-rated and trending movies and TV shows. These media are fetched from the TMDB API and implemented by using **ng-bootstrap**. Each time, the user click a movie or TV show, it will automatically show on the “Continue Watching” section in the homepage, the maximum of this section is 24.

Also, the navigation bar is always stick on the top of the page, the button on the left is used to toggle between the home page and the user’s play list and the search part on the right is for searching specific movie/ TV show by typing title keyword.

The search functionality is implemented by using **ngbTypeahead** from **ng-bootstrap**.



Popular Movies



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Top Rated Movies

<https://hw8-angular-310200.wl.r.appspot.com/watch/movie/696374>

>



Tom & Jerry

- Wonder Woman 1984
- Wonder Woman
- Promising Young Woman
- Pretty Woman
- Police Woman
- Wonder Woman
- Wonder Woman: Bloodlines

Continue Watching



Details Page

After clicking a specific movie/ Tv Shows, page should route to `/watch/<media_type>/<id>` path where `<media_type>` can be movie or tv. (example: `/watch/movie/299534` if selected item's is movie or `/watch/tv/1668` if selected item's is tv). The page may also include a video of

trailer (if not present, then teaser) of the movie or TV show is played using Youtube player.(If no video is available, use default video id as key=tzkWB85ULJY)

There may also include a scrollable Cast List, Reviews, Recommended Movies/TV shows, and Similar Movies/ TV shows as shown below. By clicking on the Twitter/ Facebook icon you can share this movie/tv show to this platform. And by clicking the icon on the cast detail modal page, you will be redirected to the cast media page.

USCFilm Home My List



WB Wonder Woman 1984 – Official Trailer

通过以下平台观看: YouTube

Wonder Woman 1984

A new era of wonder begins.

2020 | ★ 6.8 | 2hrs 31 mins

Geners : Fantasy, Action, Adventure
Spoken Languages : English

Add to Watchlist

Description

A botched store robbery places Wonder Woman in a global battle against a powerful and mysterious ancient force that puts her powers in jeopardy.

Share

USCFilm Home My List

Full Cast and Crew



Gal Gadot
AS
Diana Prince / Wonder Woman

Chris Pine
AS
Steve Trevor

Kristen Wiig
AS
Barbara Minerva / Cheetah

Pedro Pascal
AS
Maxwell Lord

Robin Wright
AS
Antiope

Connie Nielsen
AS
Hippolyta

Reviews 10



A review created by SWITCH. 

Written by SWITCH. on December 18, 2020, 2:08:08 PM

It isn't as easy as saying 'Wonder Woman 1984' is a good or bad movie. The pieces are there, and there

USCFilm Home My List

Full C



Gal Gadot

Birth: 1985-04-30
 Birth Place: Rosh Ha'ayin, Israel
 Gender: Female
 HomePage: <http://www.galgadot.com>
 Known for: Acting
 Also Known as: גאל גאdot, Gal Gadot, 盖尔·加朵, ガル・ガドット, גאל גאדור, Gal Gadot Varsano, 盖尔·加朵, גאל גאדור

[IMDb](#) [Facebook](#) [Instagram](#) [Twitter](#)

Biography

Gal Gadot (born: April 30, 1985) is an Israeli actress and model. She was born in Rosh Ha'ayin, Israel, to an Ashkenazi Jewish family (from Poland, Austria, Germany, and Czechoslovakia). She served in the IDF for two years, and won the Miss Israel title

Reviews 10


A review created by SWITCH. ★7

Written by SWITCH. on December 18, 2020, 2:08:08 PM

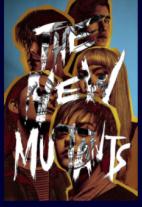
It isn't as easy as saying 'Wonder Woman 1984' is a good or bad movie. The pieces are there, and there

USCFilm Home My List

Read the rest

Recommended Movies













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Similar Movies













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MyList

There is a button which let users add this movie/ Tv shows to their personal playlist.



Description

A botched store robbery places Wonder Woman in a global battle against a powerful and mysterious ancient force that puts her powers in jeopardy.

Share



Wonder Woman 1984

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Geners : Fantasy, Action, Adventure
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[Remove from Watchlist](#)

Added to watchlists.



FOLLOW US

My Watchlist



USCFilm Home My List

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Add to Watchlist

Removed from watchlist. ×

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Share

FULL CAST & CREW

Responsive Design

All functions can work on mobile devices like iphone 6/7/9 plus.

USCFilm

Home

My List

Search

Tom & Jerry

Continue Watching

Wonder Woman 1984

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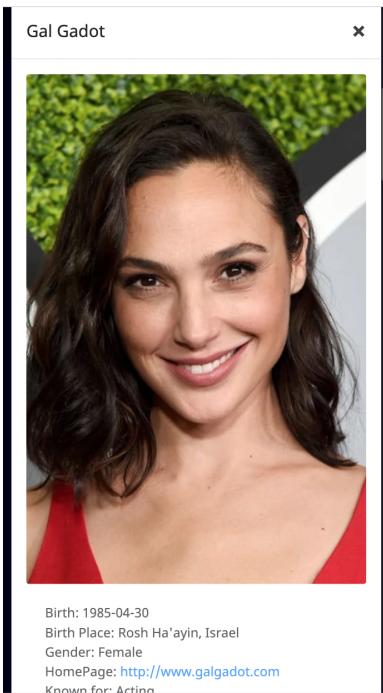
Full Cast and Crew

Gal Gadot AS Diana Prince / Wonder Woman

Chris Pine AS Steve Trevor

Reviews 10

A review created by SWITCH.



USCFilm

Reviews 10

A review created by SWITCH.

★ 7
Written by SWITCH. on December 18, 2020, 2:08:08 PM
It isn't as easy as saying 'Wonder Woman 1984' is a good or bad movie. The pieces are there, and there are moments I adore, but it does come across as a...
[Read the rest](#)

A review created by msbreviews ★ 8

USCFilm

Recommended Movies



Tenet

Similar Movies



USCFilm



Tenet

Similar Movies



Fantastic Four

More Information

- **Here is a link to a video showing the complete functioning:**
 - **Desktop Version** <https://www.youtube.com/watch?v=HjINHsMEXAg>

- **Mobile/tablet Version** <https://www.youtube.com/watch?v=ISLgbDdQ17U>
- **Also, this web app is already deployed to Google Cloud Platform with the link below:**
<https://hw8-angular-310200.wl.r.appspot.com/>