

Development for increment 2:

1. Once the user selects a movie from the list of movies available in search page they will be redirected to movie details page where they will be able to have a look at movie details such as Movie poster, movie title, plot, genre, release date and a trailer.



TITLE: Captain America: Civil War

MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

[YOUTUBE TRAILER](#)



All the above details would be fetched only on a selection of particular movie.

List of tasks implemented to develop the this module of displaying movie details and playing a trailer:

1. Designed a page to display all the movie details listed above.
2. By using TMDB API I am fetching movie details like:
 - Movie poster
 - Complete movie title
 - Brief description of movie
 - Release date
 - User rating
 - Genre code

API call command : <https://api.themoviedb.org/3/search/movie?query=> +moviename
+&api_key= +Apikey

3. The movie genre code initially fetched would be in numerical format, that should be mapped with the other genre list maintained by TMDB which would give us an understandable format of genre. I am mapping and displaying the genre in an understandable format.

API call command to map genre: https://api.themoviedb.org/3/genre/movie/list?language=en-US&api_key= +Apikey

4. Once the movie details are fetched and displayed, as the TMDB doesn't give an access for trailer. I am using the movie name to fetch the YouTube video Id for the movie trailer.

API call command:

<https://www.googleapis.com/youtube/v3/search?part=snippet&maxResults=10&q=>
+ movieName + &type=video&key= +apikey

5. Later on once I have a YouTube video Id, I am using YouTubeBaseActivity functionality to play a YouTube trailer on the movie details page.
6. Manually tested the tasks that I have accomplished in this increment. Code is fetching all the required details when a movie name is supplied.

Below are few screenshots for the movie details page:



TITLE: Captain America: Civil War

MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

[YOUTUBE TRAILER](#)



MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

YOUTUBE TRAILER



MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

YOUTUBE TRAILER



MARVEL

MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

YOUTUBE TRAILER



MOVIE PLOT: Following the events of Age of Ultron, the collective governments of the world pass an act designed to regulate all superhuman activity. This polarizes opinion amongst the Avengers, causing two factions to side with Iron Man or Captain America, which causes an epic battle between former allies.

RELEASE DATE: 2016-04-27

RATING: 6.9

GENRE: Science Fiction

YOUTUBE TRAILER





TITLE: Harry Potter and the Philosopher's Stone

MOVIE PLOT: Harry Potter has lived under the stairs at his aunt and uncle's house his whole life. But on his 11th birthday, he learns he's a powerful wizard -- with a place waiting for him at the Hogwarts School of Witchcraft and Wizardry. As he learns to harness his newfound powers with the help of the school's kindly headmaster, Harry uncovers the truth about his parents' deaths -- and about the villain who's to blame.

RELEASE DATE: 2001-11-16

RATING: 7.3

GENRE: Adventure



TITLE: Snowden

MOVIE PLOT: CIA employee Edward Snowden leaks thousands of classified documents to the press.

RELEASE DATE: 2016-09-15

RATING: 7

GENRE: Drama

YOUTUBE TRAILER



TITLE: Snowden

MOVIE PLOT: CIA employee Edward Snowden leaks thousands of classified documents to the press.

RELEASE DATE: 2016-09-15

RATING: 7

GENRE: Drama

YOUTUBE TRAILER



SNOWDEN

OFFICIAL TRAILER

I am playing the trailer in landscape mode in the following images:

