# INCREMENT 2

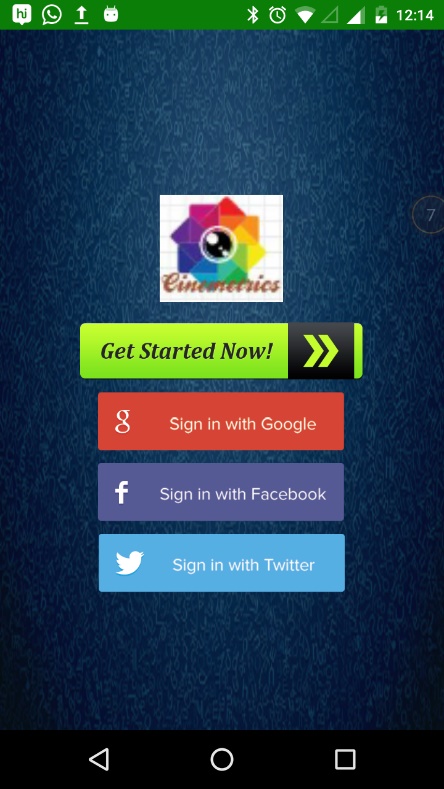
For Increment 2, all the UI are created and integrated. Usage of TMDB API in Search screen and Movie Description page. Statistical graph for the movies watched are done.

Below are the contributions of the team members:

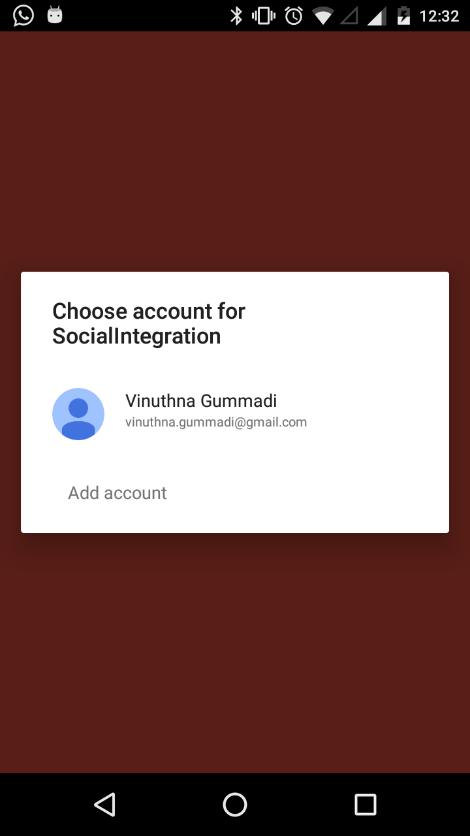
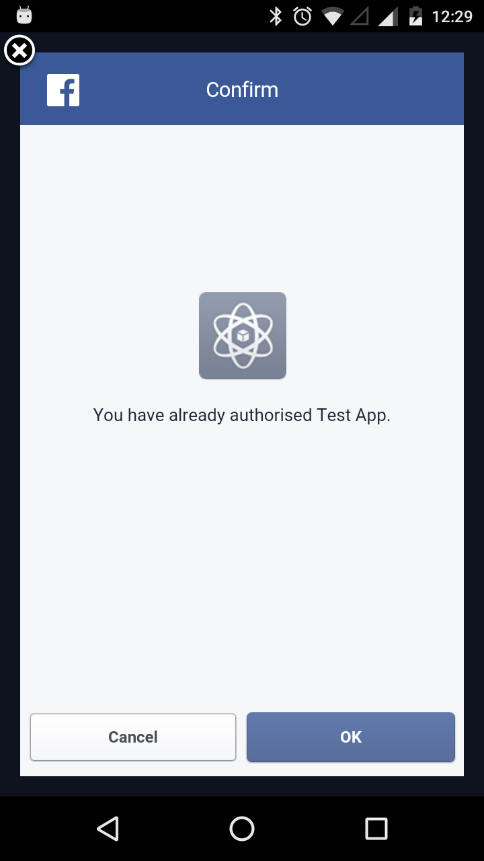
Lavanya:

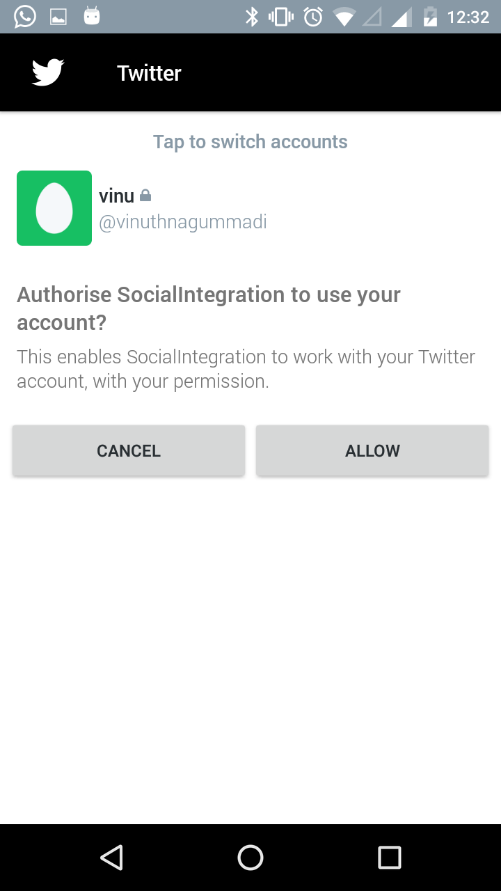
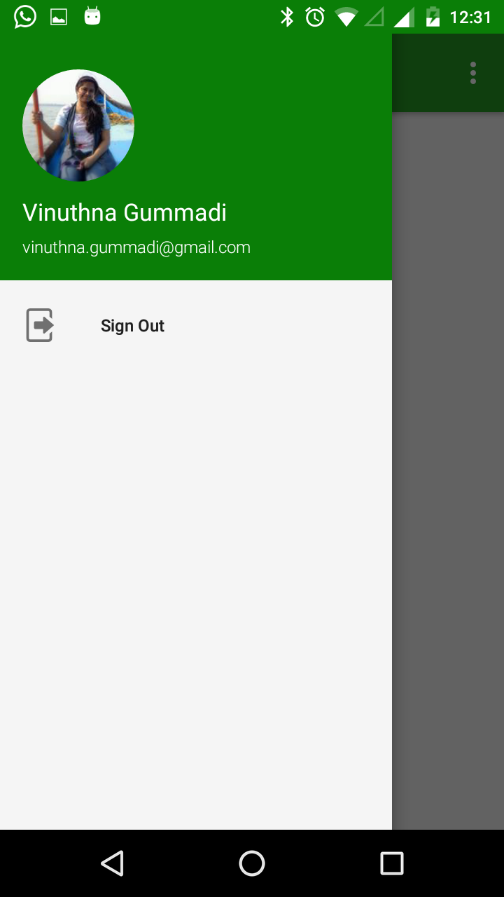
Cinemetrics Login Screen:

On click of Cinemetrics app, below screen appears.



User can authenticate using google or facebook or twitter.

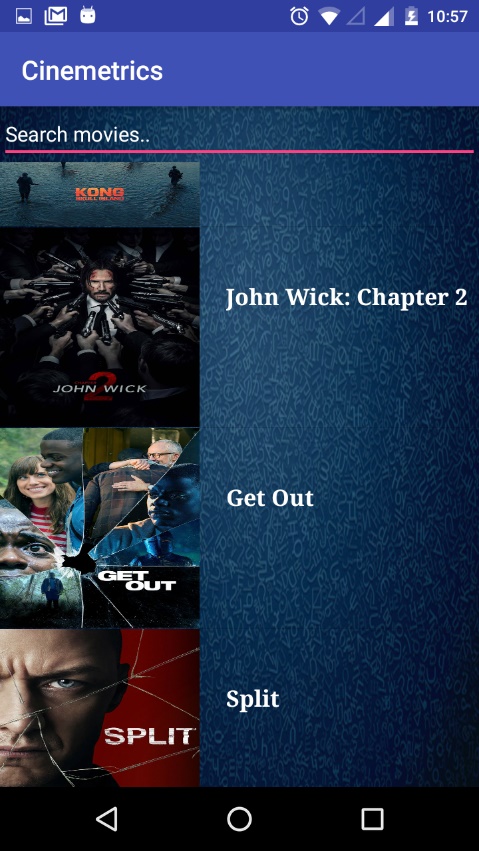
 

Vinuthna:

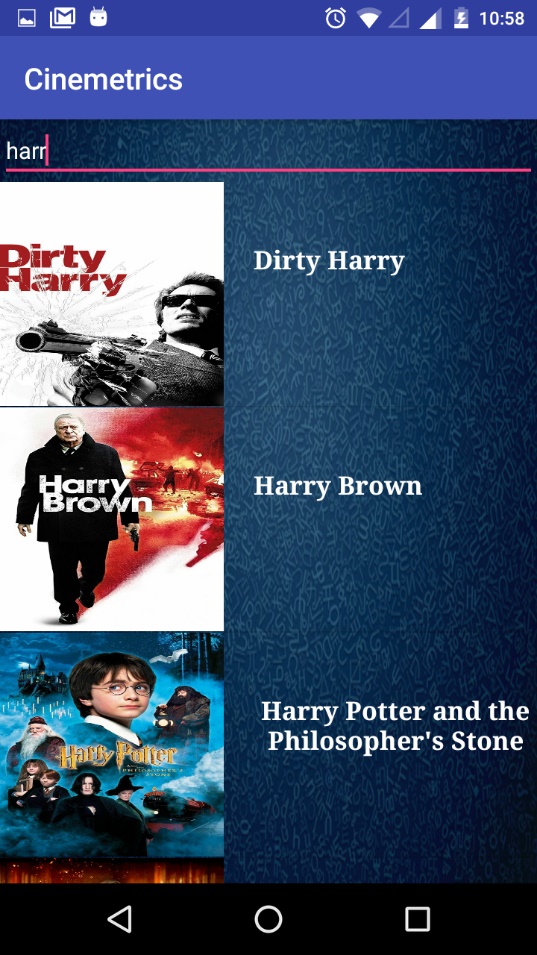
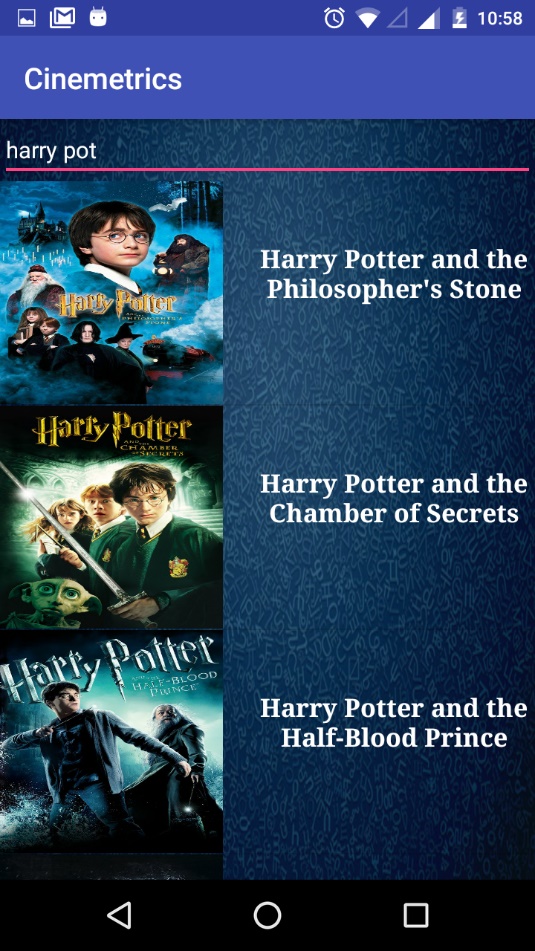
Cinemetrics Search Screen:

On successful login, user is navigated to the search screen. Search screen by defaults gives the top-rated movies in the current year.

On type of at least 4 letters of movie name, the search result will be displayed.

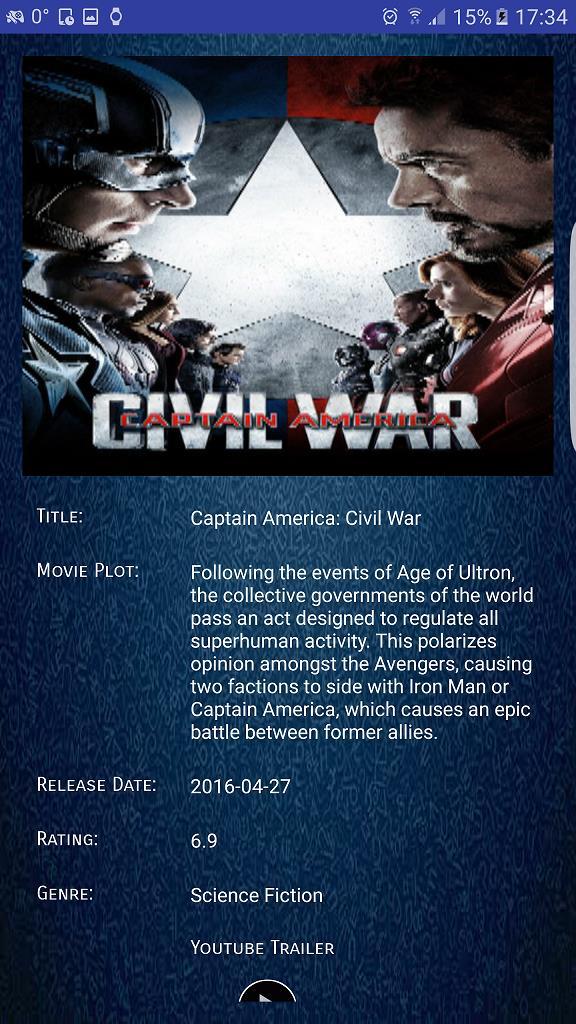
 



By ESHA –

**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.



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

**List of tasks implemented to develop this module of displaying movie details and playing**

1. **trailer:**
   1. Designed a page to display all the movie details listed above.
   2. By using TMDB API I am fetching movie details like:

o Movie poster

o Complete movie title

o Brief description of movie o Release date

o User rating o Genre code

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

1. They 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

1. 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.

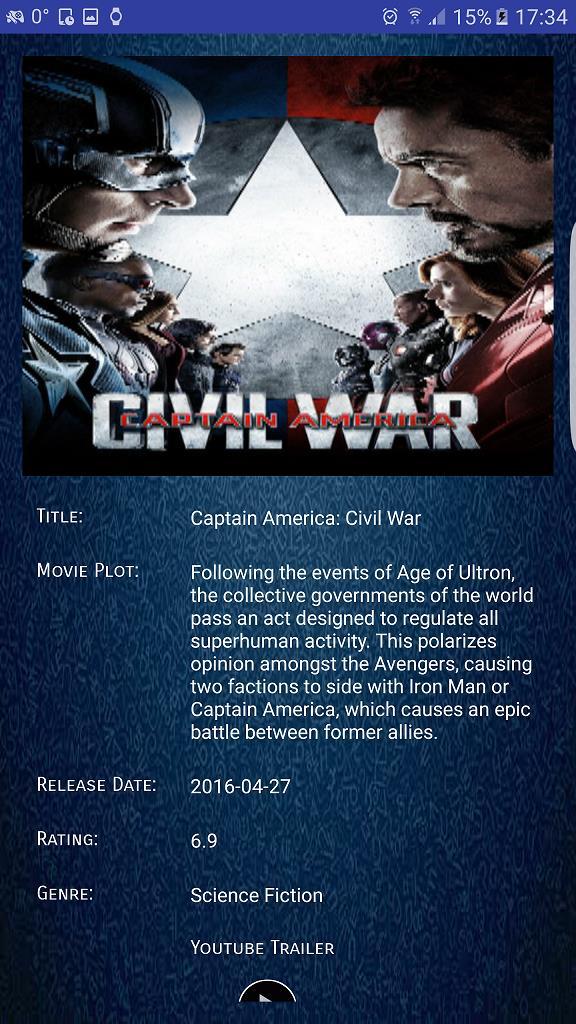
API call command:

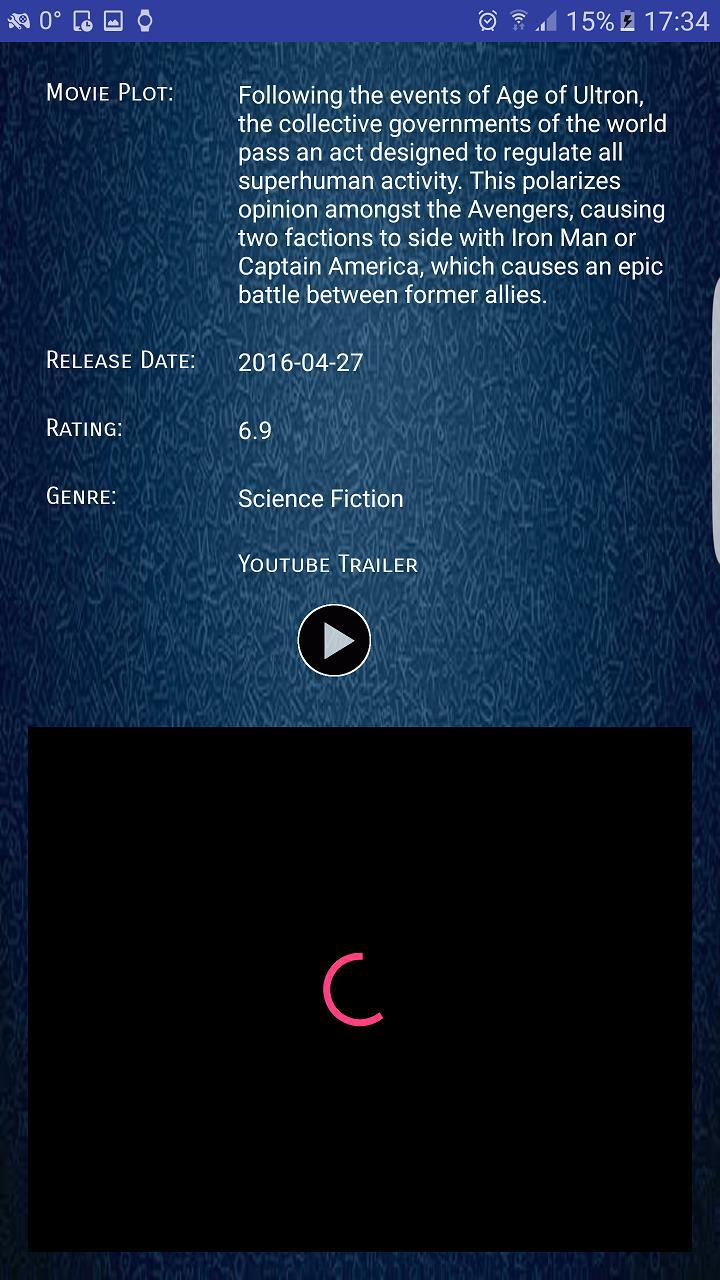
<https://www.googleapis.com/youtube/v3/search?part=snippet&maxResults=10&q=>

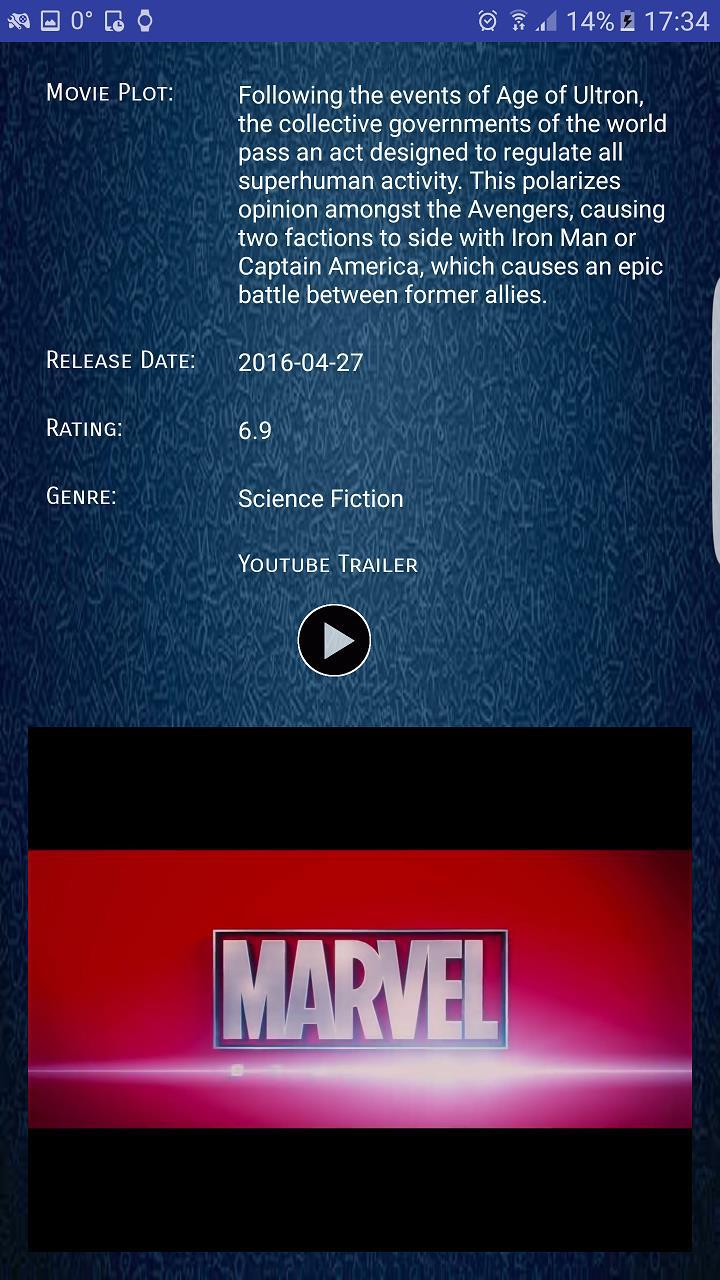
* + movieName + &type=video&key= +apikey

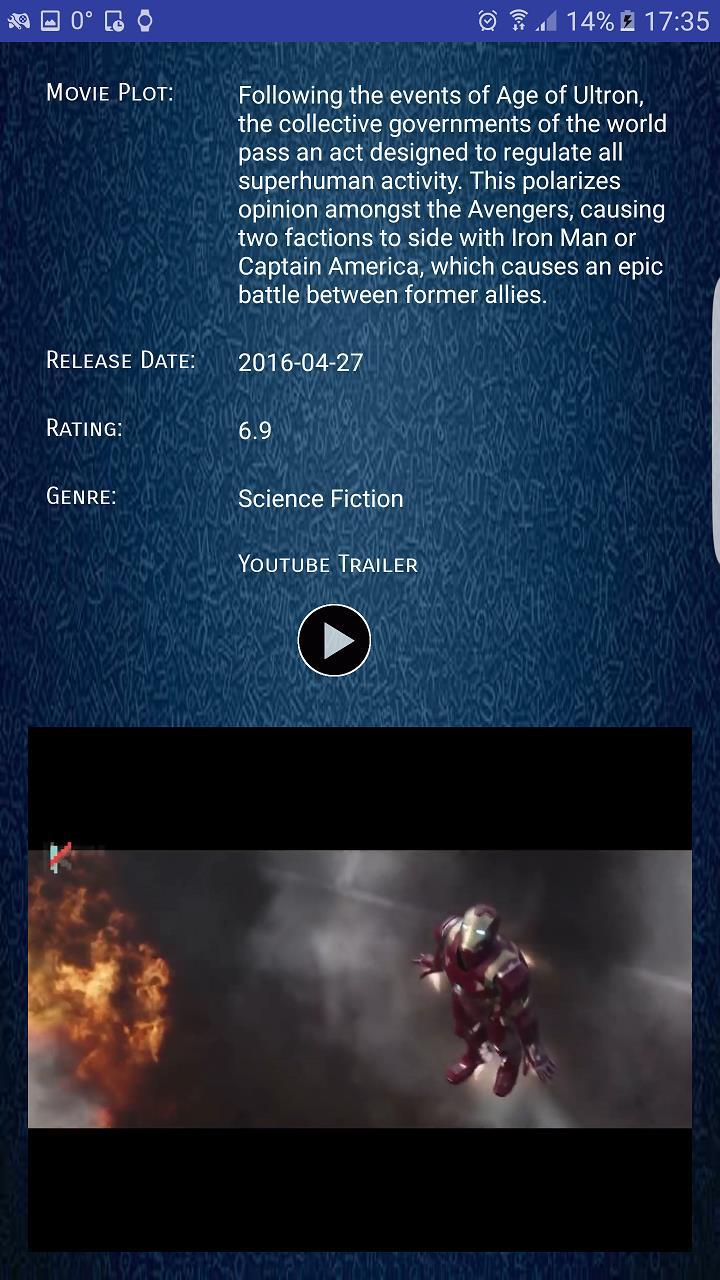
1. Later on once I have a YouTube video Id, I am using YouTubeBaseActivity functionality to play a YouTube trailer on the movie details page.
2. Manually tested the tasks that I have accomplished in this increment. Code is fetching all the required details when a movie name is supplied.

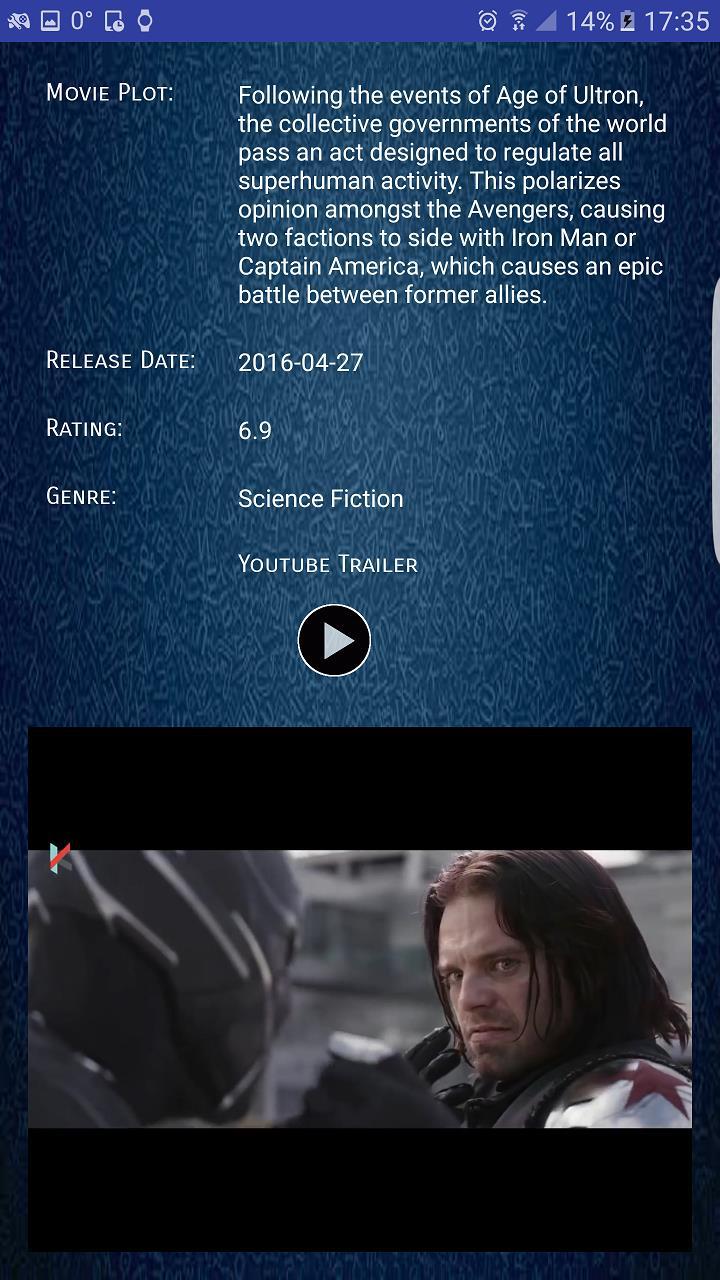
**Below are few screenshots for the movie details page:**

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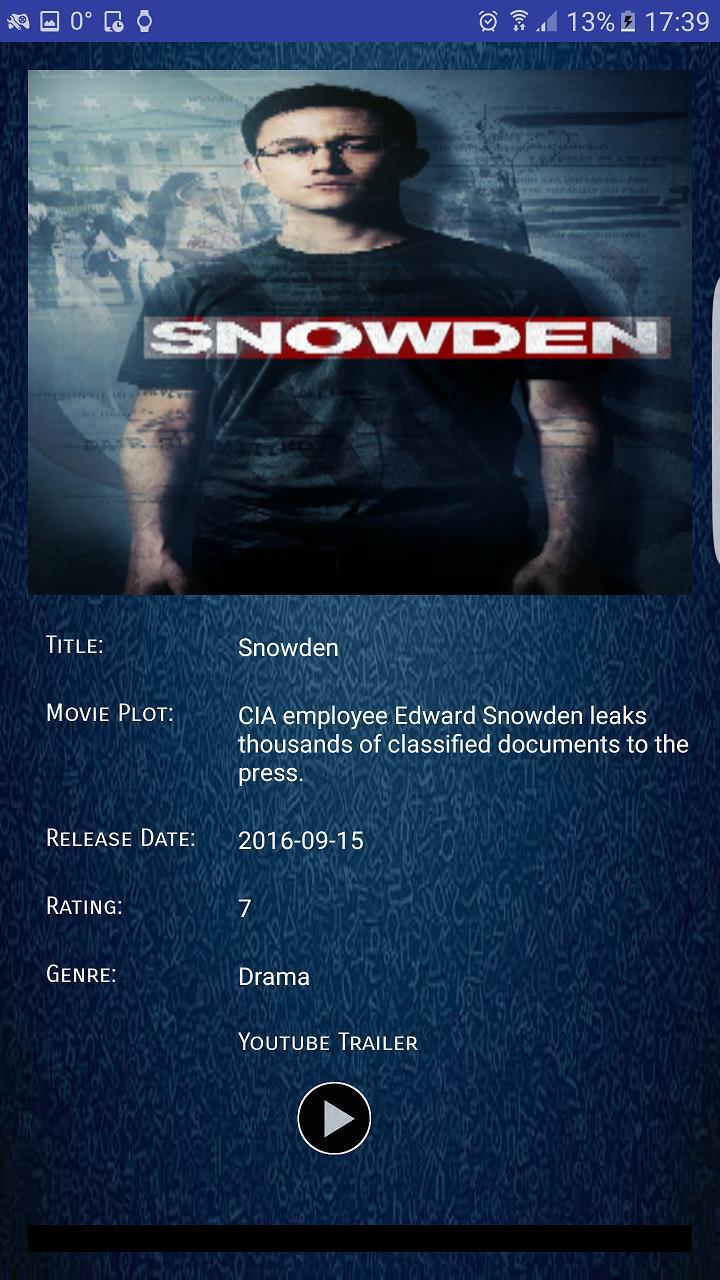
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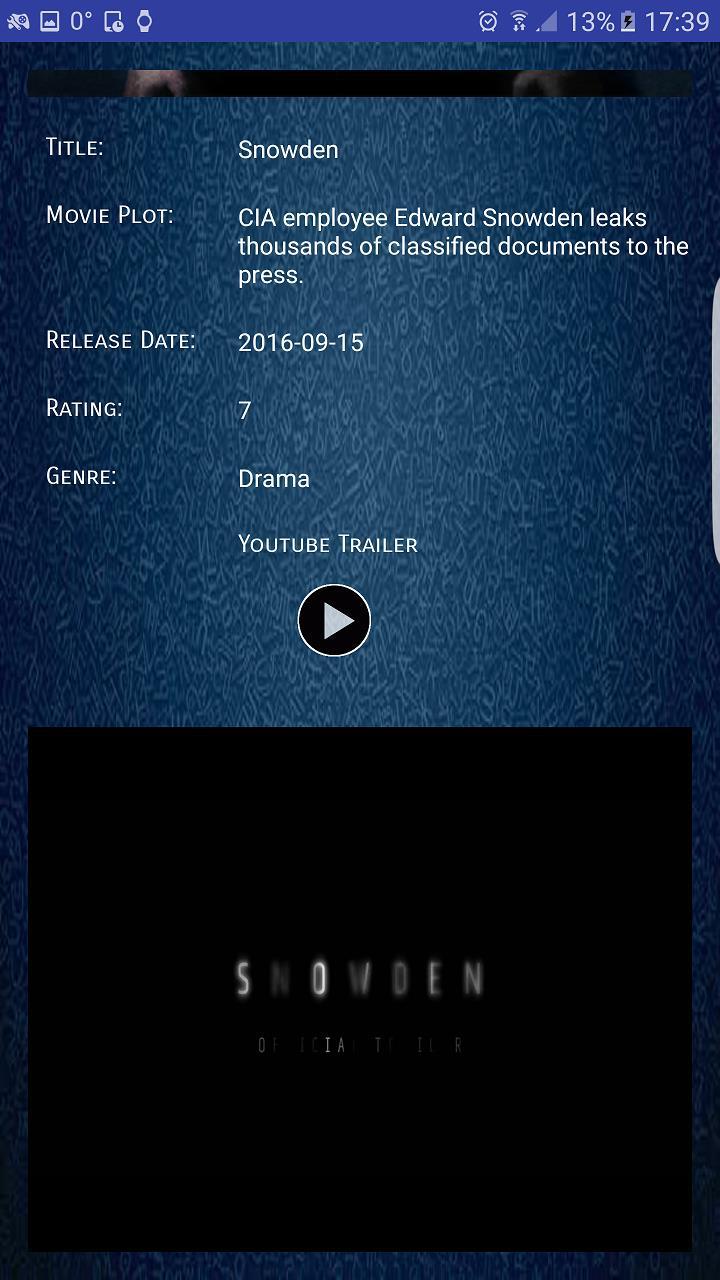
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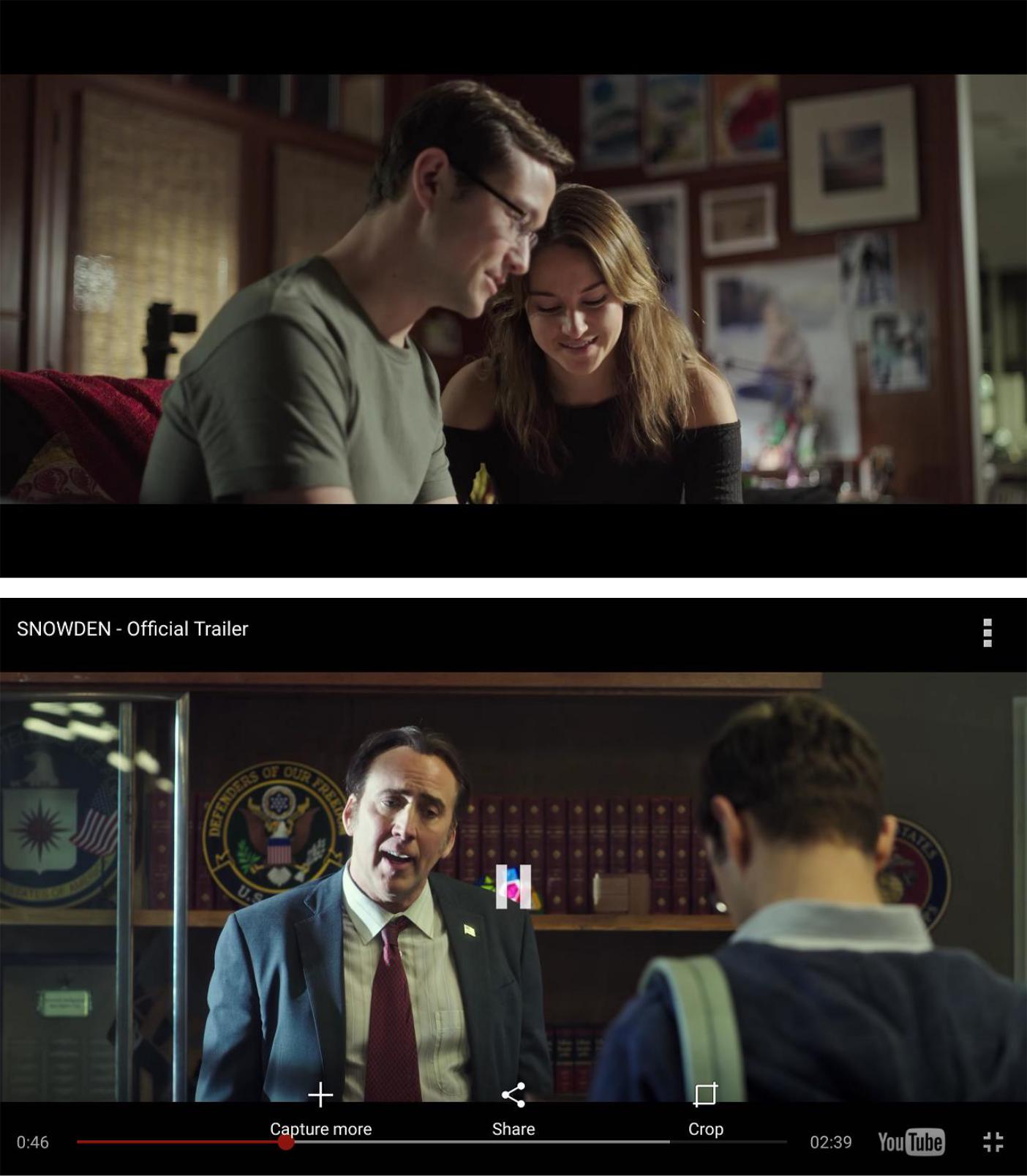
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I am playing the trailer in landspace mode in the following images:



Gayathri: