

Android App related to films, television based on TMDB API

Github: <https://github.com/WenhaoGe1/USCFilmsAndroid>

Video: <https://www.youtube.com/watch?v=rWZ3xozmlqQ>

Sample API Call:

<https://cs571hw9node.azurewebsites.net/getPlayingMovie>

Android application IDE: Android Studio

Language: Java

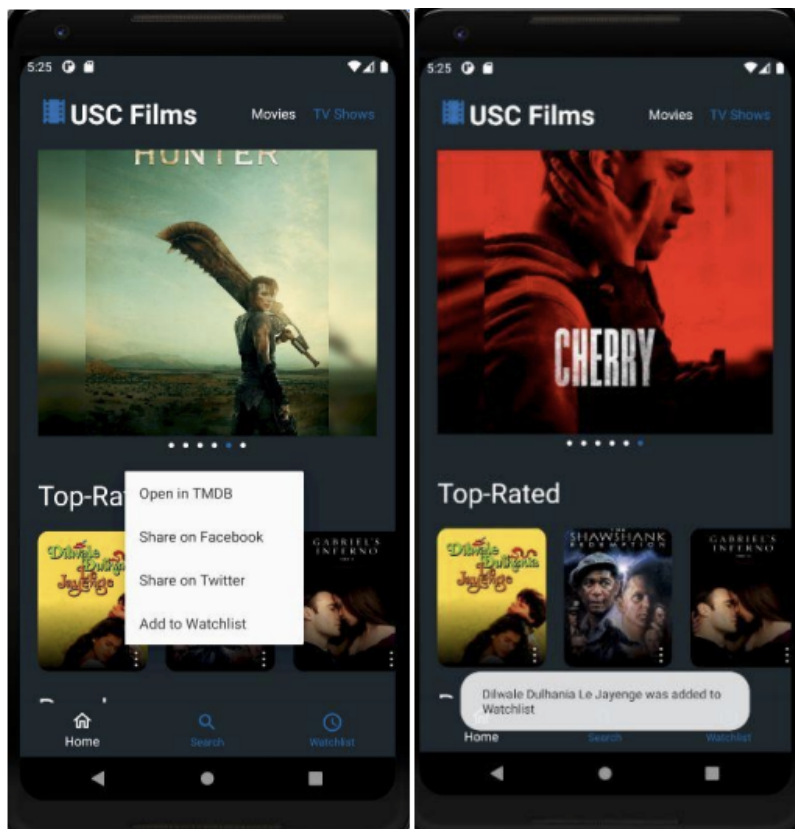
Emulator: Pixel 2XL emulator by using SDK API 30

Backend server: Node.js(Express)

Deployment: Microsoft Azure

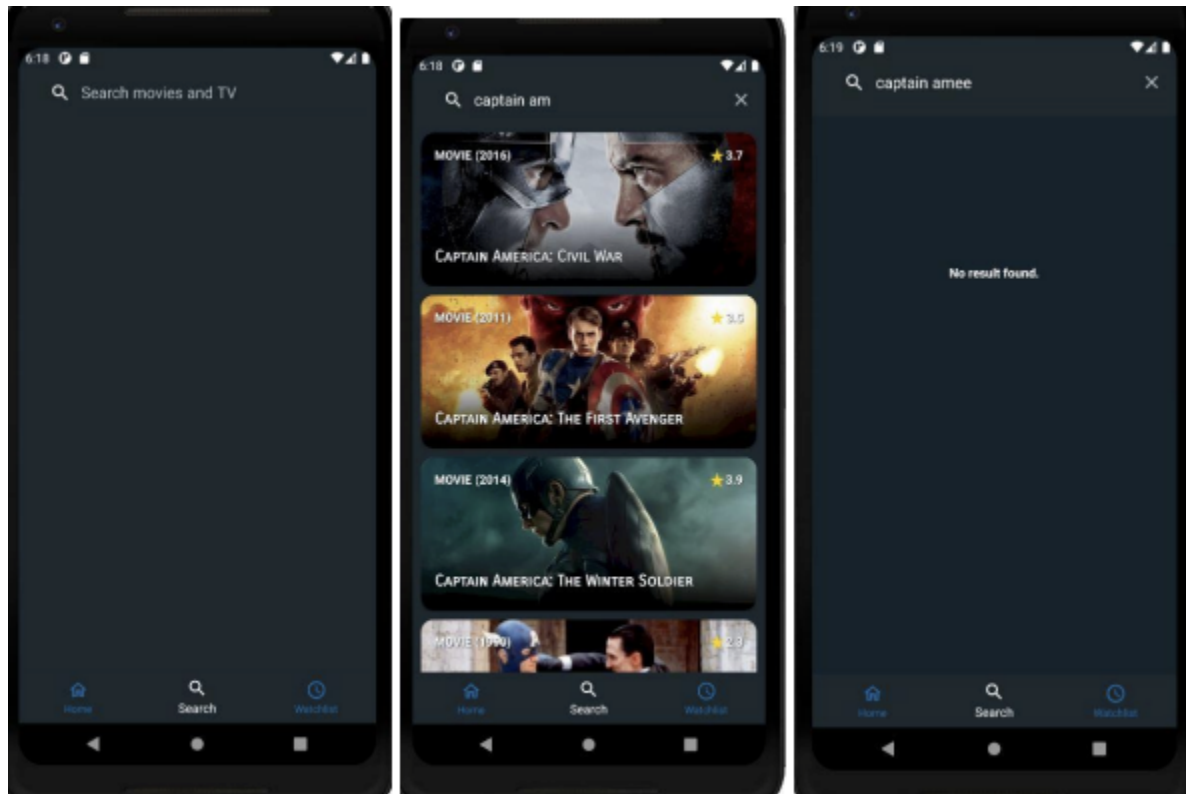
1. Home Fragment

- a. Movie/TV views
 - i. Image slider
 - ii. Top Rated Movie/TV horizontal scroll views
 - iii. Popular Movie/TV horizontal scroll views
 - iv. Pop up menu
 - 1. open official TMDB page of the movie/TV show in the browser
 - 2. share a link to the official tmdb page of the concerned movie/tv show to facebook, in a browser
 - 3. share a link to the official tmdb page of the movie/tv show to facebook, in a browser.
 - 4. add/remove the movie/tv show to the watchlist section of the application
 - v. Direct to Detail activity by passing Variables to an Intent



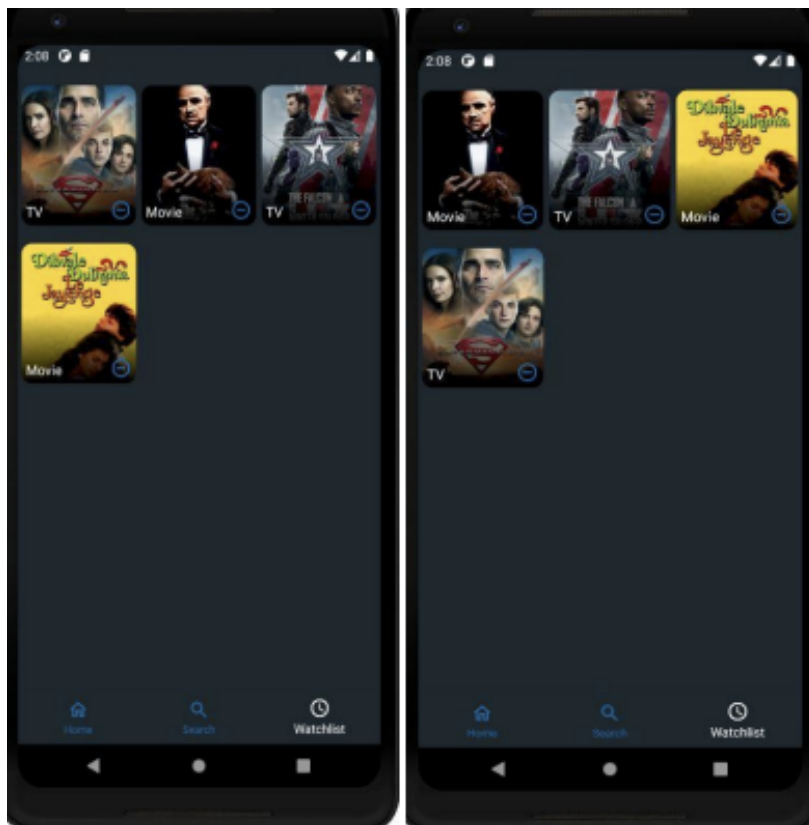
2. Search Fragment

- a. User input using Toolbar
- b. Display search result cards using RecyclerView



3. Watchlist Fragment

- a. Persist after the user has closed the app
- b. Movie/TV card displayed using the GridLayoutManager with CardView Layout
- c. Append most recently added Move/TV in the end
- d. Draggable and droppable to reorder them, persit after user switch to another page



4. Details Activity

- Trailer Youtube video
- Movie/TV details
- Cast list
- Recommended movie/tv based on TMDB API

