

TV show

-title: String
 -genre: String
 -release year: String
 -duration: String
 -rating: String
 +cast: ArrayList

+setTitle (String)
 +getTitle ()
 +setGenre (String)
 +getGenre ()
 +setDuration (String)
 +getDuration ()
 +setRating (String)
 +getRating ()
 +setReleaseYear (String)
 +getReleaseYear ()
 +casts ()
 +TVshow ()

Movie

-length: String

+SetLength (String)
 +getLength ()
 +Movie ()

Main

+movieOrTVshowChoice: int

+main (String[] args)
 +runMenu ()
 +movieOrTVshowMenu ()

User

-userName: String
 -password: String

+setUserName (String)
 +set password (String)
 +getUserName ()
 +get Password ()
 +User ()

Users

+loginChecker: boolean
 +theUsers: ArrayList
 +FavoriteTVshows: ArrayList
 +FavoriteMovies: ArrayList
 +watchHistoryTVshows: ArrayList
 +watchHistoryMovies: ArrayList

+createAccount ()
 +login ()
 +addFavoriteTVshows (NetflixService)
 +removeFromFavoritesTVshows ()
 +viewFavoritesTVshows ()
 +addFavoritesMovies (NetflixService)
 +removeFromFavoritesMovies ()
 +viewFavoritesMovies ()
 +TVshowSearchByTitleFavorites ()
 +TVshowSearchByGenreFavorites ()
 +TVshowSearchByReleaseYearFavorites ()
 +MoviesSearchByTitleFavorites ()
 +MoviesSearchByGenreFavorites ()
 +MoviesSearchByReleaseYearFavorites ()
 +getRecommendationBasedonGenreTVshow (NetflixService)
 +getRecommendationBasedonGenreMovie (NetflixService)
 +watchTVshow (NetflixService)
 +watchMovie (NetflixService)
 +showWatchingHistoryForMovies ()
 +show watching History For TVshows ()

NetflixService

+ theTVshows: ArrayList
 + theMovies: ArrayList

+compareTVshows (TVshow, TVshow)
 +addTVshow (TVshow)
 +compareMovies (Movie, Movie)
 +addMovie (Movie)
 +TVshowSearchByTitle ()
 +TVshowSearchByGenre ()
 +TVshowSearchByReleaseYear ()
 +MovieSearchByTitle ()
 +MovieSearchByGenre ()
 +MovieSearchByReleaseYear ()
 +ShowAllTVshows ()
 +showAllMovies ()