geP2 - Popular Movies App, Stage 2 Rubric

The Rubric

Common Project Requirements

To "meet specifications", your app must fulfill all the criteria listed in this section of the rubric.

Criteria	Does Not Meets Specifications	Meets Specifications
General Project Guidelines		
App conforms to common standards found in the [Android Nanodegree General Project Guidelines](#)		

Required Components

To "meet specifications", your app must fulfill all the criteria listed in this section of the rubric.

Criteria	Does Not Meet Specifications	Meets Specifications
User **Interface - Layout**		
Movies are displayed in the main layout via a grid of their corresponding movie poster thumbnails		
UI contains an element (e.g., a spinner or settings menu) to toggle the sort order of the movies by: most popular, highest rated, and favorites		
UI contains a screen for displaying the details for a selected movie		
Movie Details layout contains title, release date, movie poster, vote average, and plot synopsis.		
Movie Details layout contains a section for displaying trailer videos and user reviews		
Tablet UI uses a Master-Detail layout implemented using fragments. The left fragment is for discovering movies. The right fragment displays the movie details view for the currently selected movie.		
User Interface - Function		

When a user changes the sort criteria (most popular, highest rated, and favorites) the main view gets updated correctly.		
When a movie poster thumbnail is selected, the movie details screen is launched [Phone] or displayed in a fragment [Tablet]		
When a trailer is selected, app uses an Intent to launch the trailer		
In the movies detail screen, a user can tap a button(for example, a star) to mark it as a Favorite		
Network API Implementation		
In a background thread, app queries the /movie/popular or /movie/top_rated API for the sort criteria specified in the settings menu. **OR** **Acceptable until April 8, 2016:** In a background thread, app queries the /discover/movies API with the query parameter for the sort criteria specified in the settings menu. (Note: Each sorting criteria is a different API call.) This query can also be used to fetch the related metadata needed for the detail view.		
App requests for related videos for a selected movie via the /movie/{id}/videos endpoint in a background thread and displays those details when the user selects a movie.		
App requests for user reviews for a selected movie via the /movie/{id}/reviews endpoint in a background thread and displays those details when the user selects a movie.		
Data Persistence		
App saves a "Favorited" movie to SharedPreferences or a database using the movie's id.		
When the "favorites" setting option is selected, the main view displays the entire favorites collection based on movie IDs stored in SharedPreferences or a database.		

Optional Components

To receive "exceeds specifications", your app must fully implement all the criteria listed in this section of the rubric.

Criteria	Does Not Exceed Specifications	Exceeds Specifications
ContentProvider		
App persists favorite movie details using a database		
App displays favorite movie details (title, poster, synopsis, user rating, release date) even when offline		
App uses a ContentProvider* to populate favorite movie details *Student may use a library to generate a content provider rather than build one by hand		
Sharing Functionality		
Movie Details View includes an Action Bar item that allows the user to share the first trailer video URL from the list of trailers		
App uses a share Intent to expose the external youtube URL for the trailer		