Android Fundamentals Project Self-Evaluation

**Instructions:** Once you’ve completed your Final Project, please respond to the questions below. This is a chance for you to briefly explain to the grader your thought-process during development. Once you are done, include this with the source code and accompanying files you are submitting. Then, give yourself a pat on the back for making a great app!

Questions about Required Components

Permissions

**Please elaborate on why you chose the permissions in your app.**

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| <uses-permission android:name="android.permission.INTERNET" /> required to get the data from internet. |

Content Provider

**What is the name of your Content Provider, and how is it backed? (For example, Sunshine’s Content Provider is named WeatherProvider backed by an SQLite database, with two tables: weather and location.)**

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| My ContentProvider is named FilmProvider backed by an SQLite database, with one table named “film”. |

**What backend does it talk to? (For example, Sunshine talks to the OpenWeatherMap API.)**

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| The backend that I use is OMDb API (<http://www.omdbapi.com/>) to retrieve information about the movie and YouTubeAPI (<https://developers.google.com/youtube/>) to watch the trailer of a movie. |

**If your app uses a SyncAdapter, what is it called? What mechanism is used to actually talk over the network? (For example, Sunshine uses HttpURLConnection to talk to the network, but your app may use a third-party library to do the talking.)**

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| I use IntentService and not a SyncAdapter, as I fetch data from Internet only per request, when the user requests to search for a movie. I extended IntentService in the class SearchFilmService.The app uses HttpURLConnection to talk to the network. |

**What loaders/adapters are used?**

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| I used a class that extends CursorAdapter named FilmAdapter.  I used LoaderManager.LoaderCallbacks<Cursor> in FilmFragment class and DetailFragment class. |

User/App State

**Please elaborate on how/where your app correctly preserves and restores user or app state. (See rubric for examples on this question)**

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| * User text input is preserved on rotation. * When list view is displayed, on rotation the app displays the list view scrolled near possible to list items at rotation. * When the app is resumed after the device wakes from sleep (locked) state, the app returns the user to the exact state in which it was last used. * When the app is relaunched from Home or All Apps, the app restores the app state. * When an activity is displayed, the same activity appears on rotation. |

Questions about Optional Components

Answer the questions that are applicable to your final project

Notifications

**Please elaborate on how/where you implemented Notifications in your app:**

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| I didn't use notifications. |

ShareActionProvider

**Please elaborate on how/where you implemented ShareActionProvider:**

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| I used ShareActionProvider to share a movie title at DetailFragment class with an outside application.  I used Intent Extras to share the title of a movie at DetailActivity class, MainActivity class and DetailFragment class. |

Broadcast Events

**Please elaborate on how/where you implemented Broadcast Events:**

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| I didn't implement Broadcast events. |

Custom Views

**Please elaborate on how/where you implemented Custom Views:**

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