## 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.**

|  |
| --- |
| In the app use the following permissions:  **android.permission.INTERNET**  I use it for Internet access and access to web service that provides me the data in the catalog of films.  **android.permission.READ\_SYNC\_SETTINGS**  **android.permission.WRITE\_SYNC\_SETTINGS**  **android.permission.AUTHENTICATE\_ACCOUNTS**  They use them to handle the sync adapter to synchronize data periodically. |

## 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.)**

|  |
| --- |
| The Content Provider app MovieRelease is named MovieProvider which is backed by a SQLite database with two tables: Movie Type and Movie. |

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

|  |
| --- |
| The App communicates with a Web Services built in PHP that I myself implemented, the url’s of the web service are:  [**http://perezgabriel89.com/movie/api/v1.0/movie?apikey=zs1pv@movieusrs@1988**](http://perezgabriel89.com/movie/api/v1.0/movie?apikey=zs1pv@movieusrs@1988)  This to consult the catalog of films.  [**http://perezgabriel89.com/movie/api/v1.0/type\_movie?apikey=zs1pv@movieusrs@1988**](http://perezgabriel89.com/movie/api/v1.0/type_movie?apikey=zs1pv@movieusrs@1988)  This is to check the types of movies. |

**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.)**

|  |
| --- |
| My App used HttpURLConnection to talk to the Web Service. He himself used a method called callBaseApiService that I have implemented in the SyncAdapter which passed the route to return the list of movies or the list of types of film. |

**What loaders/adapters are used?**

|  |
| --- |
| **Loaders**  For loaders implement the interface LoaderManager.LoaderCallbacks<Cursor> and use both the fragment movie list to download the catalog as in the fragment to display detailed information about the movie.  **Adapters**  Use a CursorAdapter to load the data in the ListView of the fragment movie list. |

## 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)**

|  |
| --- |
| * When a list item is selected, it remains selected on rotation. * When an activity is displayed, the same activity appears on 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 as closely as possible to the previous state. |

# 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:**

|  |
| --- |
|  |

## ShareActionProvider

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

|  |
| --- |
|  |

## Broadcast Events

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

|  |
| --- |
|  |

## Custom Views

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

|  |
| --- |
|  |