## 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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| --- |
| INTERNET, to consume resources from Internet  READ\_SYNC\_SETTINGS and WRITE\_SYNC\_SETTINGS, to read and write the sync settings  AUTHENTICATE\_ACCOUNTS, to manage the account authentication in notification service |

## 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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| --- |
| Moviescopio’s Content Provider is named MovieProvider backed by an SQLite database, with two tables: movie and genreMovie |

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

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| --- |
| Moviescopio talks to the “The Movie Database (TMDb)” API  <https://www.themoviedb.org/documentation/api> |

**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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| --- |
| MoviescopioSyncAdapter is called at regular intervals  Moviescopio uses HttpURLConnection to talk to the network |

**What loaders/adapters are used?**

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| Moviescopio uses Loaders to load movies’ data and moves them to its views |

## 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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| --- |
| When a list item is selected, it remains selected on rotation  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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| Moviescopio uses notifications to recommend users about a random popular movie |

## ShareActionProvider

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

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| --- |
| Moviescopio uses ShareActionProvider to share info about movie’s details |

## Broadcast Events

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

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| --- |
| Moviescopio performs a broadcast via a pending intent to manage notifications |

## Custom Views

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

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| --- |
|  |