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.**

|  |
| --- |
| android.permission.INTERNET – is for accessing Last.fm API for downloading information about artists, albums, tracks.  android.permission.READ\_SYNC\_SETTINGS, android.permission.WRITE\_SYNC\_SETTINGS, android.permission.AUTHENTICATE\_ACCOUNTS – set of permissions for using SyncAdapter for updating “top tags” list |

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.)**

|  |
| --- |
| WtlProvider backed by an SQLite database, with 6 tables: history, results, info, playlist, album, artist |

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

|  |
| --- |
| Last.fm 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.)**

|  |
| --- |
| SyncAdapter, HttpURLConnection |

**What loaders/adapters are used?**

|  |
| --- |
| ResultsAdapter, CardAdapter, TagAdapter, TrackListAdapter, PlaylistAdapter |

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)**

|  |
| --- |
| ResultsActivity – saving and restoring state of current tag |

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:**

|  |
| --- |
|  |