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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| I add the INTERNET permission to get data using the Wordpress JSON API plugin installed on the [www.twitmix.it](http://www.twitmix.it) music site.  I add the READ\_SYNC\_SETTINGS, WRITE\_SYNC\_SETTINGS and AUTHENTICATE\_ACCOUNTS permissions required by Sync Adapter. |

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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| TwitmixAndroidApp’s content provider is named TwitmixContentProvider backed by an SQLite database, with one table: twitmix. |

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

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| TwitmixAndroidApp talks to the WORDPRESS JSON API installed on my wife’s site [www.twitmix.it](http://www.twitmix.it). |

**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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| TwitmixAndroidApp uses HttpURLConnection to talk to the network, and uses a SyncAdapter named TwitmixSyncAdapter. |

**What loaders/adapters are used?**

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| TwitmixAndroidApp uses CursorLoader (TwitmixAdapter). |

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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| App correctly preserves and restores user or app state:  - When a list item is selected, it remains selected on rotation.  - When an activity is displayed, the same activity appears on rotation.   * User text input is preserved 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:**

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| App implements notification when a new post is added to the database in the method notifyPost in TwitmixSyncAdapter. |

ShareActionProvider

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

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| App uses ShareActionProvider in the DetailFragment class to share Title and author post with an outside application. |

Broadcast Events

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

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Custom Views

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

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