## 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 added these permissions:  android.permission.INTERNET  android.permission.READ\_SYNC\_SETTINGS  android.permission.WRITE\_SYNC\_SETTINGS  android.permission.AUTHENTICATE\_ACCOUNTS  Permissions allowed access to entire components of the system or resources of Android  android.permission.INTERNET - allow access app to internet  android.permission.READ\_SYNC\_SETTINGS - permissions necessary to use SyncAdapter  android.permission.WRITE\_SYNC\_SETTINGS - permissions necessary to use SyncAdapter android.permission.AUTHENTICATE\_ACCOUNTS - permissions necessary to use SyncAdapter |

## 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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| Exchange Rates’s Content Provider is named BanksProvider backed by an SQLite database, with two tables: bank and rate.) |

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

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| Exchange Rates talks to the finance.ua API(http://resources.finance.ua/ua/public/currency-cash.json) |

**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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| Exchange Rates uses the same mechanism(**HttpURLConnection**). It called in onPerformSync method. |

**What loaders/adapters are used?**

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| I am using BanksAdapter and RatesAdapter.  I am using DETAIL\_LOADER in DetailFragment and BANKS\_LOADER in BanksFragment. |

## 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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| I am using onSaveInstanceState method. Bundle class for save value. I could set bundle to many methods, for example:  public void onViewCreated(View view, @Nullable Bundle savedInstanceState)  public View onCreateView(...., Bundle savedInstanceState)  public void onActivityCreated(Bundle savedInstanceState) |

# 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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## ShareActionProvider

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

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| I am using android.support.v7.widget.ShareActionProvider;  I am using share function via Intent.  Intent shareIntent = **new** Intent(Intent.***ACTION\_SEND***); shareIntent.addFlags(Intent.***FLAG\_ACTIVITY\_CLEAR\_WHEN\_TASK\_RESET***); shareIntent.setType(**"text/plain"**); shareIntent.putExtra(Intent.***EXTRA\_TEXT***, ***EXCHANGERATES\_SHARE\_HASHTAG*** + **' '** + *mbankName*); |

## 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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