

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.

INTERNET - in order to poll the Yahoo Finance API and populate the app with data
ACCESS_NETWORK_STATE - to allow the user to explicitly enable/disable mobile data usage

The following are required for SyncAdapters:
READ_SYNC_SETTINGS, WRITE_SYNC_SETTINGS, AUTHENTICATE_ACCOUNTS

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`.)

StockProvider, backed by an SQLite database with one table - "stocks"

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

Yahoo Finance

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.)

StockTickerSyncAdapter, using HttpURLConnection

What loaders/adapters are used?

CursorLoader and CursorAdapter

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)

The app stores/restores instance state where appropriate.

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:

N/A

ShareActionProvider

Please elaborate on how/where you implemented ShareActionProvider:

The user can share simple stock data from the DetailActivityFragment. The text is composed of the ticker symbol, the current change from opening price, the current price, and a link to the stock on Yahoo Finance.

Example:

AMD stock rises \$0.03; now \$2.32

<http://finance.yahoo.com/q?s=AMD>

Broadcast Events

Please elaborate on how/where you implemented Broadcast Events:

N/A

Custom Views

Please elaborate on how/where you implemented Custom Views:

N/A