## 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.**

|  |
| --- |
| I am using only two categories of permissions. All of them I use for communicating with server side. INTERNET permission for communicating via internet and SYNC based permissions for setup sync 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.)**

|  |
| --- |
| The name is FitFoodProvider. It is backed by standard SQLLite database same as in sunshine. |

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

|  |
| --- |
| FitFood applications are syncing data from my own REST API java backend (<http://fitfood-mariskamartin.rhcloud.com/>). It is implemented by JAX-RS Jersey 2. |

**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.)**

|  |
| --- |
| The name of SyncAdapter class is FitFoodSyncAdapter. It uses HttpURLConnection same as in Sunshine. Parsing json is simplified by Jackson library. |

**What loaders/adapters are used?**

|  |
| --- |
| For list items is used CursorAdapter called FoodListAdapter.  And as loaders are used FoodListFragment (list of items), FoodDetailFragment (item detail) |

## 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)**

|  |
| --- |
| In FoodListFragment#onSaveInstanceState method I store three information. Current position in tablet list view, current and submitted text from SearchComponent.  In FoodListFragment#onCreateView I restore all information back to fragment. |

# 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:**

|  |
| --- |
| App notify user when downloads some new food data from server.  Code is in FitFoodSyncAdapter#notifyAboutNewFoods. |

## ShareActionProvider

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

|  |
| --- |
| App uses share action in food detail, for sharing content of recepies.  Code is in FoodDetailFragment#createShareForecastIntent. |

## Broadcast Events

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

|  |
| --- |
| App doesn’t uses broadcast events. |

## Custom Views

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

|  |
| --- |
| App doesn’t uses custom views. |