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.

The app requires only "android.permission.INTERNET" because it's needed to communicate with 3rd party web service. It doesn't required any other permission as it's just not needed.

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`.)

Food Recipes content provider (RecipeContentProvider). It's backed by an SQLite database with one table: recipe.

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

Food Recipes talks to the Food2Work 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.)

The app doesn't have the SyncAdapter, but it uses Volley library to perform HTTP requests on on-demand basis.

What loaders/adapters are used?

1. The adapter (extends BaseAdapter) used to for population of the GridView.
2. CursorLoader is used to fetch the locally stored favourite recipes
3. One more loader (extends AsyncTaskLoader) used to get the recipes data from the Food2Work.

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)

Last search recipe query and last selected recipe are stored in the SharedPreferences. So, the user will continue work with the last session data even if the app was killed.

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:

ShareActionProvider is used in the fragment which is responsible for displaying of details of specific recipe. One the recipe is selected, the share intent is set using the "setShareIntent". The share intent contain the text (Intent.EXTRA_TEXT) and specific recipe details.

Broadcast Events

Please elaborate on how/where you implemented Broadcast Events:

Custom Views

Please elaborate on how/where you implemented Custom Views: