## 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 only permission I needed was internet permission because my app uses the Faroo API to get news articles from online. |

## 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.)**

|  |
| --- |
| My apps name is NewsCloud. Its Content Provider is named ArticleProvider backed by an SQLite data, with a table named: article. |

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

|  |
| --- |
| My app uses the Faroo API to get news articles (name and URL) from online. Then, I manually go to the link, scrape the html body, and generate a word cloud of the article to display to the user. |

**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.)**

|  |
| --- |
| My app doesn’t use a SyncAdapter. Instead, it uses an ASyncTask via HttpURLConnection to connect to the network Faroo API (to get names and URLs for the articles). Then, it uses the Jsoup Library to follow the article URLs and scape HTML body data. |

**What loaders/adapters are used?**

|  |
| --- |
| I use a LoaderManager.LoaderCallbacks<Cursor> 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)**

|  |
| --- |
| My app is correctly preserved under rotation, waking from user lock state, and tries to restore the app state when relaunched from Home (this state may refresh with more recent news). |

# 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:**

|  |
| --- |
|  |

## Broadcast Events

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

|  |
| --- |
|  |

## Custom Views

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

|  |
| --- |
|  |